

Presenting

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Double Sided Exhibition Floor Tape

- Open side can be peeled off many materials without leaving residues
- Closed side has permanent adhesive properties
- Substrate material: Fleece fabric
- Adhesive: Synthetic adhesive
- Heat resistant up to +65 °C
- Length: 50 m
- Width: 38 mm

Scope:

- Laying carpets, PVC coverings, fastening dust protection doors

Technical Data

Adhesive:	Synthetic rubber
Substrate material:	Fabric
Total thickness:	335 µ
Adhesion of masked side:	23.5 N/25 mm
Adhesion of open side:	12.5 N/25 mm
Tear strength:	95 N/25 mm
Elongation at fracture:	5 %
Temperature resistance:	-10 °C to +50 °C

Article No.	Article Description	QTY
5445 38 1	RO(50M)DOU.EXH.FLOOR TAPE 38MM	1

Masking Tapes Fine Crepe

- masking tape for the automotive, metal and construction trade / industry
- suitable for repetitive drying cycles, infrared drying and the use of heat lamps
- can stand wet grinding and filler contact
- good adaptation and tear resistance
- removable without residues

Technical Data

Adhesive:	Natural rubber
Carrier material:	Latex, impregnated slight crepped paper
Colour:	brown
Total strength:	0,175 mm
Bond strength on steel:	4 N/cm
Tensile strength:	44 N/cm
Elongation at break:	10,5 %
Temperature resistance:	+15 °C up to +140 °C

Article No.	Article Description	QTY
5448 5 19	RO(50M)FIN CR.MAS.TA.18MM 5*	e 12 p
5448 5 25	RO(50M)FIN CR.MAS.TA.24MM 5*	e 9 x
5448 5 30	RO(50M)FIN CR.MAS.TA.30MM 5*	e 8 q
5448 5 38	RO(50M)FIN CR.MAS.TA.36MM 5*	e 6 D
5448 5 50	RO(50M)FIN CR.MAS.TA.48MM 5*	e 5 w



Masking Paper

Application:

- fix the paper with the smooth side upward
- In order to prevent a strike of paints, the paper must be doubled on the edge of the paint or propound a small paper (22 cm)

Technical Data

Paper weight: 50 g/m²
Roll length: 300 m



Article No.	Article Description	QTY
5443 22	RO(300M)MASKING PAPER MP 22CM	1
5443 38	RO(300M)MASKING PAPER MP 38CM	1
5443 60	RO(300M)MASKING PAPER MP 60CM	1
5443 90	RO(300M)MASKING PAPER MP 90CM	1
5443 120	RO(300M)MASKING PAPER MP 120CM	1
5443 150	RO(300M)MASKING PAPER MP 150CM	1

Masking Abrasive Crepe Paper - Adhesive Tape

- high stretchable masking tape

Technical Data

Adhesive: Natural rubber
Carrier material: crepped paper
Colour: beige
Total strength: 0,280 mm
Bond strength on steel: 2 N/cm, 36 N/cm stretched
Tensile strength: 30 N/cm
Elongation at break: 38 %
Temperature resistance: 50 °C



Article No.	Article Description	QTY
5441 15	RO(50M)MASK.ABR.CREPE PAP.15MM	1
5441 19	RO(50M)MASK.ABR.CREPE PAP.19MM	1
5441 25	RO(50M)MASK.ABR.CREPE PAP.25MM	1
5441 30	RO(50M)MASK.ABR.CREPE PAP.30MM	1
5441 38	RO(50M)MASK.ABR.CREPE PAP.38MM	1
5441 50	RO(50M)MASK.ABR.CREPE PAP.50MM	1 D

Masking Tesa Fine Crepe Paper - Adhesive Tapes

- Standard masking tape for automobile-, metal- and construction sector
- suitable for repeating drying cycles, infrared-drying and for the usage of heat lamps
- wet grinding resistant and filler-resistant
- good adaption and tear resistance
- can be removed without residues

Technical Data

Adhesive:	Natural rubber
Carrier material:	slight crepped paper
Colour:	brown
Total strength:	0,170 mm
Bond strength on steel:	3,5 N/cm
Tensile strength:	47 N/cm
Elongation at break:	12 %
Temperature resistance:	120 °C



Article No.	Article Description	QTY
5442 15	RO(50M)TESA FINE HEAT-RES.15MM	e 20
5442 19	RO(50M)TESA FINE HEAT-RES.19MM	e 16
5442 25	RO(50M)TESA FINE HEAT-RES.25MM	e 12
5442 30	RO(50M)TESA FINE HEAT-RES.30MM	e 10
5442 38	RO(50M)TESA FINE HEAT-RES.38MM	e 8
5442 50	RO(50M)TESA FINE HEAT-RES.50MM	e 6
5442 75	RO(50M)TESA FINE HEAT-RES.75MM	e 4

Masking Fine Crepe Paper - Adhesive Tapes

- masking tape for the automobile industry
- can be removed without residues
- can stand wet grinding and filler contact

Technical Data

Adhesive:	Natural rubber
Carrier material:	crepped paper
Colour:	beige
Total strength:	0,130 mm
Bond strength on steel:	2 N/cm
Tensile strength:	36 N/cm
Elongation at break:	8 %
Temperature resistance:	100 °C

Article No.	Article Description	QTY
5440 15	RO(50M)MASK.TAPE HEAT-RES.15MM	e 15 l
5440 19	RO(50M)MASK.TAPE HEAT-RES.19MM	e 12 p
5440 25	RO(50M)MASK.TAPE HEAT-RES.25MM	e 9 x
5440 30	RO(50M)MASK.TAPE HEAT-RES.30MM	e 8 q
5440 38	RO(50M)MASK.TAPE HEAT-RES.38MM	e 6 D
5440 50	RO(50M)MASK.TAPE HEAT-RES.50MM	e 6 D



Contour Adhesive Tape Crease Masker

- High quality adhesive tape made from Japanese rice paper with acrylate adhesive and fold-out film
- Specifically for sharp painted edges, providing protection at the same time
- Wafer-thin, yet extremely stable
- Can be removed without leaving residues
- High curve stability
- Low paint edge height
- No creepage of the paint or varnishes
- For indoor and outdoor use
- Electrostatically treated HDPE film (film adheres to the substrate)
- Suitable for glass, metal, wood, concrete, coated and plastered substrates and decorative strips

Technical Data

Adhesive tape

Adhesive: Acrylate adhesive

Overall thickness: 90 µm

Adhesion to steel: 1.9 N/cm

Tensile strength: 28.7 N/cm

Elongation at fracture: 3.5 %

Heat resilience: Up to 100 °C (20 min)

Film

Material: HDPE film

Overall thickness: 9 µm (8 µm for 550 mm x 33 mm size)

Heat resilience: Up to 100 °C

Storage: Clean and dry (15 – 25 °C)



Article No.	Article Description	QTY
8771 1 550	RO(33M)CONTO.CREA.MASKER 550MM	ü 60
8771 1 1100	RO(33M)CONTO.CREA.MASKER1100MM	ü 40
8771 1 1400	RO(33M)CONTO.CREA.MASKER1400MM	ü 40
8771 1 2700	RO(20M)CONTO.CREA.MASKER2700MM	ü 35

Masking Paper Strip

- for protecting/masking of even and slightly rough surfaces
- for small areas such as baseboards, door frames, window sills, etc.
- fast and efficient masking
- ideal for masking of door frames, window profiles, etc.

Technical Data	
Adhesive tape	
Adhesive:	Natural rubber
Total thickness:	140 µm
Adhes. power, steel:	approx. 6 N/ 25 mm
Heat load capacity:	Up to 60°C (short-term)
Paper	
Material:	Soda kraft paper
Weight:	35 g/m ²
Storage:	Clean and dry (15 – 25 °C)



Article No.	Article Description	QTY
8771 100	RO(20M)MASK PAPER STRIP 100MM	25
8771 180	RO(20M)MASK.PAPER STRIP 180MM	e 60

Fine Crepe Adhesive Tape Fold-Masker

- for protection / masking of even and slightly rough surfaces, as e.g. wood, wallpaper, glass, etc.
- HDPE electrostatically treated film (film adheres to the substrate)
- residue-free removal
- for indoor use
- ideal for painting work

Technical Data	
Adhesive tape	
Adhesive:	Natural rubber
Total thickness:	140 µm
Adhes. power, steel:	Approx. 6 N/ 25 mm
Heat load capacity:	Up to 60 °C (short-term)
Film	
Material:	HDPE-film
Thickness:	10 µm
Storage:	Clean and dry (15-25°C)



Article No.	Article Description	QTY
8771 550	RO(33M)FINE CREPE TAPE 550	ü 40
8771 1400	RO(33M) FINE CREPE TAPE 1400	ü 20

Plastering Tapes

- very pliable plastic protective tape
- for universal finery and plasterers masking
- long-term adhesion on smooth surfaces for indoor and outdoor (removable without any residues)
- the cross grooves facilitates the removal by hand
- UV-resistant
- please do trial and leave on for at least 48 hours to difficult substrates such as wood or stone



Article No.	Article Description	QTY
8771 50	RO(33M)PLAST.TAPE YEL/GRO.50MM	e 36
8771 50 1	RO(33M)PLAST.TAPE WHI/GRO 50MM	e 36
8771 50 2	RO(33M)PLAST.TAPE WHI/EV 50MM	e 36
8771 50 3	RO(33M)PLAST.TAPE ORA/EV 50MM	e 36
8771 38	RO(33M)PLAST.TAPE WHI/GRO 38MM	e 48

(width mm)

Duo Plastering Tape, Double-sided

- double-sided adhesive tape, fully coated on one side, partially coated on the other side
- for long-term masking of e.g. windows, walls, doors and floors
- for indoor and outdoor masking in case of plastering, stuccowork and painting
- allows fast and secure attachment of covering materials
- the zone without adhesive allows simple removal of the white paper cylinder and prevents adhesive residues from getting into paint or lacquer when painting



Article No.	Article Description	QTY
8771 25	(25M)DUO PLAS.TAPE.GRE/WHI25MM	12

(width mm)

Duct Tape Universal

- Textile adhesive tape with integrated woven fabric
- Tear-resistant under tension - hard-wearing
- Easy to tear by hand from the side
- Versatile range of applications
- Leaves no residues - adhesion tests are recommended
- Water-resistant

Art.-No. 3745 38 10:

- Narrow version, width: 38 mm

Fields of application:

- Sticking to stone, plaster, masonry and foamed materials
- Sticking to pipe insulation, foils, films, etc.
- Universal use as repair tape

Technical Data

Base material:	Polyester fabric
Adhesive:	Natural rubber
Thickness:	0,20 mm (200µ)
Adhesive strength:	3,5 N/cm
Tear strength:	47,1 N/cm
Elongation at fracture:	12,5 %
Colour:	silver, black
Temperature resistance:	up to 80 °C



3745 50 1

3745 50 20

Article No.	Article Description	QTY
3745 38 10	RO(50M)ADH.TAPE UNI SILV. 38MM	e 32
3745 50 1	RO(50M)ADH.TAPE UNI SILV. 48MM	ev 24
3745 50 20	RO(50M)ADH.TAPE UNI BLACK 48MM	ev 24
3745 50 2	RO(50M)ADH.TAPE UNI RED 48MM	e 24

Adhesive textile tape, flexible

- high quality textile tape
- PE-coated
- water-repellent
- thickness 170 µ
- adhesive on one side
- very flexible
- wide colour range: silver, black, white, red, blue

Art.-No. 3745 1 38 1:

- narrow type 38mm width

Technical Data	
Adhesive:	Hotmelt
Mesh:	27
Thickness:	0,17 mm
Colours:	silver, black, white, red, blue
Ductility:	3 %
Tensile force:	50 N / 25 mm
Temperature resistance:	up to 60 °C



silver 3745 1 48 1 black 3745 1 48 2 white 3745 1 48 3 red 3745 1 48 4 blue 3745 1 48 5

Article No.	Article Description	QTY
3745 1 38 1	RO(50M)ADH.TAPE FLEX.SILV 38MM	s 24
3745 1 48 1	RO(50M)ADH.TAPE FLEX.SILV 48MM	s 24
3745 1 48 2	RO(50M)ADH.TAPE FLEX.BLACK48MM	s 24
3745 1 48 3	RO(50M)ADH.TAPE FLEX.WHITE48MM	s 24
3745 1 48 4	RO(50M)ADH.TAPE FLEX.RED 48MM	s 24
3745 1 48 5	RO(50M)ADH.TAPE FLEX.BLUE 48MM	s 24

Adhesive textile tape, rugged

- high quality textile tape
- PE-coated, shiny surface
- excellent adhesion at low and high temperatures
- good performance on rough surfaces
- excellent tearing and unreeling properties
- leaves no residues
- suitable for indoor and outdoor applications
- very good UV-resistance
- water-repellent
- thickness 300 µ
- adhesive on one side
- wide colour range: silver, black, white, red, blue

Technical Data	
Adhesive:	natural caoutchouc
Mesh:	70
Thickness:	0,30 +/- 0,03 mm
Bond strength:	5,95 N / 25 mm
Tensile force:	59 N / 50 mm
Rewinding force:	19,6 N / 50 mm
Colours:	silver, black, white, red, blue
Ductility:	10 %
Temperature resistance:	-35 °C up to +80 °C



silver 3745 2 50 1 black 3745 2 50 2 white 3745 2 50 3 red 3745 2 50 4 blue 3745 2 50 5

Article No.	Article Description	QTY
3745 2 50 1	RO(50M)ADH.TAPE RU.SILVER 50MM	e 24
3745 2 50 2	RO(50M)ADH.TAPE RU.BLACK 50MM	e 24
3745 2 50 3	RO(50M)ADH.TAPE RU.WHITE 50MM	e 24
3745 2 50 4	RO(50M)ADH.TAPE RU.RED 50MM	e 24
3745 2 50 5	RO(50M)ADH.TAPE RU.BLUE 50MM	e 24

PE Construction Sheeting

- PE construction sheeting in various versions for universal use

Application areas:

Transparent PE films:

- Art. No. 8848 0018 500: ideal for covering large floor sections while smoothing concrete (film is weighted with water)
- Art. No. 8848 0024: ideal for covering objects during painting, plastering and stucco work
- Art. No. 8848 0100: ideal for covering floors, windows and objects during painting, plastering and stucco work

Translucent PE films:

- Art. No. 8848 0050 1, 8848 0100 2: ideal for covering large floor sections after pouring concrete. Equally well suited to covering mounds of sand, earth, gravel and bark mulch.
- Art. No. 8848 0050 2: ideal as a „cling film“ for concrete/floor sections to prevent drying out too quickly and to minimise the risk of shrinkage cracks
- Art. No. 8848 0200 0, 8848 0200 4: very stable due to 200 µ film thickness. Ideal as a film under screeding, to protect mounds/excavations, as winterproofing for the building shell and for covering wood.
- Art. No. 8848 0200 5, 8848 0200 5 1, 8848 0200 6: ideal as a film under screeding, to protect mounds/excavations, as winterproofing for the building shell and for covering wood

Opaque PE films:

- Art. No. 8848 0100 1, 8848 0200 7, 8848 0200 8: ideal as a film under screeding, to protect mounds/excavations, as winterproofing for the building shell and for covering wood



8848 0018 500, 8848 0024, 8848 0100



8848 0050 1, 8848 0050 2, 8848 0100 2
8848 0200 4, 8848 0200 0, 8848 0200 5
8848 0200 5 1, 8848 0200 6



8848 0100 1, 8848 0200 7, 8848 0200 8

Technical Data

Art. No.	Film width m	Roll width m	Roll length m	Thickn. µ	Tolerance	Film type	Pallet quantity
8848 0018 500	2	2	250	18	-	Transparent	25,000 m ² (50 rolls)
8848 0024	2	1	100	30	-	Transparent	19,000 m ² (95 rolls)
8848 0100	2	1	50	100	-	Transparent	6,800 m ² (68 rolls)
8848 0050 1	4	1	50	50	-	Translucent	13,600 m ² (68 rolls)
8848 0050 2	4	1	100	50	40	Translucent	24,000 m ² (60 rolls)
8848 0100 2	4	1	50	100	40	Translucent	12,000 m ² (60 rolls)
8848 0200 4	2	1	50	200	-	Translucent	4,600 m ² (46 rolls)
8848 0200 0	4	1	25	200	-	Translucent	4,600 m ² (46 rolls)
8848 0200 5	4	1	25	200	40	Translucent	6,000 m ² (60 rolls)
8848 0200 5 1	4	1	50	200	40	Translucent	9,200 m ² (46 rolls)
8848 0200 6	4	1	50	200	30	Translucent	6,600 m ² (33 rolls)
8848 0100 1	4	1	50	100	-	Opaque/green (recyc.mat.)	9,200 m ² (46 rolls)
8848 0200 7	4	1	25	200	-	Opaque/green (recyc.mat.)	4,600 m ² (46 rolls)
8848 0200 8	4	1	25	200	40	Opaque/green (recyc.mat.)	6,000 m ² (60 rolls)

Article No.	Article Description	QTY
8848 0018 500	M2<500>CON.FOIL TP 2X250 0.018	500
8848 0024	M2<200>CON.FOIL TP.2X100 0,030	200
8848 0100	M2<100>CON.FOIL TP.2X50M 0,100	100
8848 0050 1	M2<200>CON.FOIL TL.4X50M 0,050	200
8848 0050 2	M2<400>CON.F.TL.4X100 0.050/40	400
8848 0100 2	M2<200>CON.FO.TL.4X50 0,100/40	200
8848 0200 4	M2<100>CON.FO.TL.2X50M 0,200	100
8848 0200 0	SM<100>CON.FOIL TL.4X25M 0.200	100
8848 0200 5	M2<100>CON.FO.TL.4X25 0,200/40	100
8848 0200 5 1	M2<200>CON.FO.TL.4X50 0,200/40	200
8848 0200 6	M2<200>CON.FO.TL.4X50 0,200/30	200
8848 0100 1	M2<200>CON.FOIL OP.4X50M 0,100	200
8848 0200 7	M2<100>CON.FOIL OP 4X25M 0,200	100
8848 0200 8	M2<100>CON.F.OP 4X25M 0,200/40	100

(Thickn. / mm)



Painters' Protective Sheeting

- Ideal for painters to lay out
- Colour: transparent



Article No.	Article Description	QTY
8772 0007	PAINT.SHEETING 4X5M 0.007MM	50
8772 0010	PAINT.SHEETING 4X5M 0.010MM	20
8772 0040	PAINT.SHEETING 4X5M 0.040MM	10
8772 0005	RO(50M)PAINT.SHE.2X50M 0.005MM	10
8772 0010 1	RO(50M)PAINT.SHE.2X50M 0.010MM	10

(Thickness / mm)

Technical Data	
Material	Version / Sizes
HDPE	Pre-cut 4 x 5 m (20 m ²)
HDPE	Pre-cut 4 x 5 m (20 m ²)
LDPE	Pre-cut 4 x 5 m (20 m ²)
HDPE	Roll 2 x 50 m (100 m ²)
HDPE	Roll 2 x 50 m (100 m ²)

(Roll folded and wound on a 50 cm bobbin)

Protective Films for Glass Self-adhesive

- self-adhesive polyethylene film
- for painting and decorating indoor and outdoor use
- on windows, doors and facade surfaces
- resistant to water, chemical attack and mechanical damage
- within 4 weeks residue-free removal (if properly applied)
- application instructions have to be observed



8771 50 100



8771 50 100 1

Technical Data	
Adhesive:	Acrylate
Backing material:	PE-film
Adhesive power on steel:	1,4 +/- 0,2 N/cm
Processing temperature:	+5 °C up to +40 °C
Thickness:	0,05 mm
Width:	50 cm

Article No.	Article Description	QTY
8771 50 100	RO(100M)GLASS PROT.FILM BLUE	1
8771 50 100 1	RO(100) GLASS PROT.FILM TRANSP	1

Cover Matting

- For protecting floors and surfaces of all kinds
- As absorbent as a sponge: Dyes, paints, thinners, oil, paste, plaster, etc.
- Dirt on shoes and clothing will not be „carried on“
- Impermeable to the underside, hence breaking away and smearing are prevented
- Environmentally friendly, can be disposed of without problems
- Easy to lay and cut
- Firm hold due to non-slip membrane on the underside
- Can be reused

Art. No. 8772 0300:

- Approx. 200 g/m²

Art. No. 8772 0301:

- Approx. 240 g/m²



Article No.	Article Description	QTY
8772 0300	RO(50M)COVER FLEECE 1X50M	2
8772 0301	RO(50M)COVER FLEECE 240G 1X50M	2
8772P 0300	PCK(4RO)COV. FLEECE 200G 1X50M	1
8772P 20	PAL(20RO)COVER FLEECE 220G/M ²	1

Milk Carton Paper with PE Coating

- For protecting floors and surfaces indoors and outdoors
- Ideal for concrete, screeding, plastering and painting work
- Easy to lay out, adheres to itself and can be cut
- Can be swept, wiped and reused several times
- Water-resistant due to PE coating on both sides



Technical Data

Width:	+1.00 to 1.30 m
Size:	Approx. 65 m ²
Colour:	grey
Weight:	Approx. 21 – 23 kg per roll

Article No.	Article Description	QTY
8772 65	RO(65M2)MILK CART.PAP.PE-COAT.	1

Gardening Fleece

- Prevents grow through of slight to medium strength garden weeds
- Permeable to water, air and nutrient
- Inhibits the plant growth under beds, rock garden, pavement and terraces

Technical Data

Art.-No.	1627 25	9417 50
Length:	25 m	25 m
Width:	1 m	2 m / folded to 1 m
Surface weight:	100 g/m ²	100 g/m ²
Colour:	anthracite	anthracite



Article No.	Article Description	QTY
1627 25	SQM<25>GARDENING FLEECE 25X1M	25
1627 50 1	M2<25>GARDENING FLEECE 25X2M	50

Dust Protection Door, Fleece

- Suitable for doors up to 2.20×1.10 m
- Fast, reliable protection from dust and draughts
- Includes double-sided adhesive tape
- Can be opened from either side by means of the zip fastener
- Quick and simple fitting to the door frame
- Can be used several times depending on installation location and operating time
- Material: Fleece, coated on the adhesive side

Areas of application:

- Ideal for renovation, refurbishment and during conversions



Article No.	Article Description	QTY
8773 220 110	DUST PROT.DOOR FLEECE 2.2X1.1M	1

Dust Protection Door, Duo

- Suitable for doors up to 2.10×1.00 m
- Fast, reliable protection from dust and draughts
- Large, floor level access, ideal for passing through with heavy equipment, e.g., wheelbarrows, sack barrows, etc.
- Includes double-sided adhesive tape
- High quality zip fastener, opens from either side
- Quick and simple fitting to the door frame
- Can be used several times depending on installation location and operating time
- Material: dust-tight polypropylene spun-bonded fabric

Areas of application:

- Ideal for renovation, refurbishment and during conversions



Article No.	Article Description	QTY
8773 220 110 1	DUST PROT.DOOR DUO 2.2X1.1M	1

Painter Acrylic

- Suitable for joint sealing with a movement absorption of up to 20 % indoors and outdoors
- Can be painted over (expansion stressed joints may not be painted over high fill emulsion paints can lead to cracks)
- Solvent-free (water-based)

Usage instructions:

- The surface must be clean, dry, sound and free of dust and grease
- Porous surfaces must be primed beforehand with a primer (mix the compound with water at a ratio of 1:1 to 1:5)
- To avoid three-edged adhesion, pre-fill joints with closed cellular PE round cord
- In case of doubt, test a small area beforehand
- Smooth with water before a skin forms



Technical Data

Temperature resistance (after curing):	-20 °C to +75 °C
Working temperature:	+5 °C to +40 °C
Time for skin forming:	approx. 7 min
Water vapour diffusion resistance factor (μ):	approx. 2,800 – 3,000
Sd value (at 8mm joint depth):	approx. 24 m
Fire behaviour:	class E
Shelf life:	1 year in unopened package, stored in cool and dry place

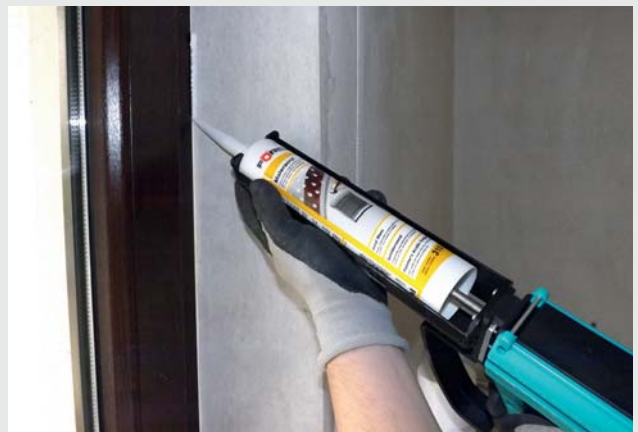
Article No.	Article Description	QTY
6840 8310	PAINTER ACRYLIC WHITE 310ML	25
6840 8311	B(600ML)PAINTER-ACRYL.WHITE	12

Your Advantage / Benefit

- Sealant for indoor and outdoor use
- Universally applicable
- Resistant to weather and UV
- Resistant to ageing

Application

- For sealing joints and frames that are not subject to large movements: between plaster, concrete, brickwork, anodised aluminium, gypsum, rigid PVC and wood e.g. for sealing joints on window sills, window joints, shutter boxes, door frames, plasterboard walls etc.
- Joining plasterboard walls, ceiling panels etc.,
- Repair works, such as filling cracks, sealing plastic pipes where they pass through walls
- Joining in paint-processing plants
- Not suitable for sanitary applications, on marble / natural stone, bituminous surfaces, PP, PE, PTFE, submersion, glass, ceramics

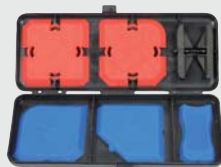


Related Products

- **Handymax Manual Cartridge-Foil Wrap Gun**
Art.-No. 6010 0006



- **Joint Smoother**
Art.-No. 5422 140 60 7



- **Smoothering Agent**
Art.-No. 6830 8290



- **Cartridge Nozzle, 360° Rotation**
Art.-No. 6010 0010



Acrylic Sealer Transparent

- For sealing Joints with low expansion
- Ageing, weather and UV-resistant
- Free of dissolver
 - Physiological credible
 - Universal applicable
- Generally overpaintable with customary colours and paints

Fields of Application:

- Repairing of cracks on brick works and plasters
- Sealing up of joints with a small stretching
- Connecting and sealing joints on interior fittings

Acrylic Sealer White / Grey / Brown

- Suitable for sealing up joints with a maximum of 7.5 % on movement admission
- For indoor and outdoor uses

Acryl Sealer Transparent

- Suitable for sealing up joints with a maximum of 5.0 % on movement admission
- Only for indoor uses

Processing advice:

- The cleaned, nonfat and dry joint should be half as much deeper (at least 6mm) than wide
- To avoid a three-flank adhesion, fill up the joints with closed cells PE-Round court
- At ground suction (e. g. wood, concrete, cement and stone etc.) the bond has to be improved by a previous coat (mixture of mass with water 1:1 up to 1:5)
- In case of doubt carry out a contact trial
- Polish with water before skin formation (approx. 5 minutes)

Art. No 6840 8303:

- Gets transparent while hardening process

Article No.	Article Description	QTY
6840 8300	ACRYLIC SEALER WHITE 310ML	25
6840 8301	ACRYLIC SEALER GREY 310ML	25
6840 8302	ACRYLIC SEALER BROWN 310ML	25
6840 8303	ACRYLIC SEALER TRANSP.310ML	25
6840 8624	ACRYLIC SEALER WHITE 550ML	12



Rapucryl

- High-quality, plasto-elastic, stable filler
 - Free of liquor
 - After hardening overpaintable with commercial colours and paints
- For unflashy reparation and sealing of joints with a minor in spreading at brick works and different plasters,
- Corned structure
 - Surface is corned like plaster
 - No retouch of the joint or the crack is necessary
- Ageing, weather and UV resistant after hardening
 - Applicable to interior and exterior
- Water vapour diffusion resistance μ : approx. 2,800 , 3,000

Processing advice:

- The cleaned, nonfat and dry joint should be at least 6 mm in deep and wideness
- To avoid a three-side faced adhesion fill up the closed cellular PE-string before
- On absorbing floors (e. g. wood, concrete, cement, stone etc.) the adhesion will be improved due to a pre-coating (blending of the mass with water 1:1 up to 1:5)
- In case of doubt do a contact test

Article No.	Article Description	QTY
6880 2 310	C(310ML)RAPUCRYL	25



Silicone OX **ECO**

Properties:

- Neutral silicone sealant compound, oxime-interlacing, with optimum adhesion to almost all standard building industry substrates and having good material properties
- With fungicide
- Lightfast, moisture-resistant, and weather-resistant
- Low corrosion risk with metals
- Permanently elastic in accordance with DIN EN 26927

Meets the requirements of the following standards:

- DIN 18545-2 Part E
- ISO 11600 G 25 LM

Applications:

- The material is particularly suitable for meeting the demands of glass and window construction
- Applications in handicrafts, industry, sanitation construction, building construction, metal construction, etc.
- For indoor and outdoor use
- Not suitable for aquarium construction, underwater jointing, and natural stone (e.g. marble)

Usage:

- Please consult our overview „General Usage Instructions for Sealants“ (Pages 2/100 and 2/101, 8/178 and 8/179)

Technical Data	
Based on:	Neutral interlacing with oxime
Ability to absorb movement:	25 %
Skin formation time*:	approx. 8 – 15 min.
Hardening speed*:	approx. 1 – 2 mm per day
Working temperature:	+5 °C to +45 °C
Paintable:	no
With fungicide:	yes
Building material class:	B2
Storage stability:	12 months

*Depending to temperature and humidity

Article No.	Article Description	QTY
6810 8230	SILICONE OX TRANSPAR.ECO 310ML	25
6810 8231	SILICONE OX WHITE ECO 310ML	25
6810 8232	SILICONE OX GREY ECO 310ML	25
6810 8233	SILICONE OX BLACK ECO 310ML	25
6810 8234	SILICONE OX BROWN ECO 310ML	25
6810 8235	SILICONE OX OAK ECO 310ML	25
6810 8236	SILICONE OX TRANSPAR.ECO 310ML	25
6810 8237	SILIC.OX.LIGHT BEECH ECO 310ML	25
6810 8605	SILIC.OX TRANS.TRANS.ECO 600ML	12
6810 8606	SILICONE OX NEUTRAL ECO 600ML	12
6810 8607	SILICONE OX WHITE ECO 600ML	12
6810 8608	SILICONE OX GREY ECO 600ML	12
6810 8610	SILICONE OX BROWN ECO 600ML	12
6810 8612	SILICONE OX TRANSP.ECO 600ML	12
6810 8613	SILICONE OX WHITE ECO 400ML	12

Colour name	Colour display*
grey	
black	
brown	

*Colour reproduction not binding



Colour name	Colour display*
oak	
Light-beech	

Silicone Acetate Transparent **ECO**

Properties:

- Silicone sealant, acetate interlacing
- Very good adhesion to many different substrates such as glass, tiles, enamel, etc.
- Permanently elastic and wet-room resistant
- Lightfast and weatherproof

Areas of application:

- Universal use for permanently elastic sealing for handicraft and industrial applications
- For indoor and outdoor use
- Not suitable for aquarium construction, underwater jointing, and natural stone (e.g. marble)

Note:

- The low levels of acetic acid contained in the material may corrode certain metals (steel, copper) and alkaline substrates

Usage:

- Please consult our overview „General Usage Instructions for Sealants“ (Pages 2/100 and 2/101)

Technical Data	
Based on:	Acetate interlacing
Ability to absorb movement:	25 %
Skin formation time*:	approx. 3 – 10 min.
Hardening speed*:	approx. 2 mm a day
Working temperature:	+5 °C to +45 °C
Paintable:	no
With fungicide:	no
Building material class:	B2
Storage stability:	12 months

Article No.	Article Description	QTY
6820 8200	SILICONE ACETATE TRANSP.310ML	25
6820 8201	SILICONE ACETATE WHITE 310ML	25
6820 8202	SILICONE.ACET.CONCR.GREY 310ML	25
6820 8203	SILICONE ACETATE BLACK 310ML	25
6820 8204	SILICONE ACETATE BROWN 310ML	25
6820 8205	SILICONE ACET.MANHATTEN 310ML	25
6820 8215	SILICONE ACET.JOINT GREY 300ML	25
6820 8216	SILIC.ACET.SILVER GREY 310ML	25
6820 8600	SILICONE ACETATE TRANSP.600ML	12

Colour name	Colour display*
concrete grey	
black	
brown	

*Colour reproduction not binding



Colour name	Colour display*
manhattan	
join grey	
silver grey	

Silicone MC

Characteristics:

- Neutral, oxime cross-bounded silicone sealant with best processing features and very good adhesion on most common construction substrates
- With fungicide
- Very good UV-resistance
- Compatible with marble and natural stones
- High thermal resistance up to 220 °C
- Very good to be smoothed and modeled
- Non-corrosive to metals
- Light-resistant, moisture-proof
- Permanently elastic and highly resistant to weathering

Complies with the requirements of the following standards:

- DIN 18545 group D
- ISO 11600 G – 25 HM
- Suitable for cleanrooms (Hygiene-Institut Gelsenkirchen)
- VDI 6022 (requirements for RLT-facilities)
- ISO 846 part A, B, C (Hygiene-Institut Gelsenkirchen)
- Suitable for VSG- glass¹ (IFT Rosenheim)

Fields of application:

- Due to its very high quality features this material is nearly suitable for all professional applications, e.g. in the field of sanitary facilities, loft conversions, window sealing, kitchen, industrial use, metal trade, mirror joint sealing etc.
- Can also be used for the sealing of marble and natural stones, as well as for bonding of mirrors²;
- For building interstices and expansions joints acc. to DIN 18540 for high-building joints up to 15 % expansion stress
- Very good adhesion on e.g. glass, tiles, ceramic, varnished tiles, enamel, many metals, (e.g. aluminium, steel, zinc, copper), on painted, glazed or impregnated wood and many plastic materials.
- For inside and outside use
- Not suitable for aquarium construction and underwater joint sealings

Processing:

- Please take into consideration our overview „ General processing advice for sealants“ (page 2/100 and 2/101)



Technical Data

Basis:	Neutral silicone, oxime cross-bounded
Movement absorbability:	25 %
Skin formation time³:	approx. 8–15 min
Hardening speed³:	approx. 1 mm pro Tag
Processing temperature:	+5 °C to +45 °C
Temperature resistance:	-60 °C to +180 °C (220 °C, temporary up to max. 3 h)
Density:	approx. 1,03 ±0,01 g/ml (transparent) approx. 1,10 ±0,05 g/ml (coloured)
Water vapour diffusion resistance factor:	
Overpaintability:	approx. 265 µ
fungicide-equipped:	no
Building material class:	yes
Storage stability:	B2 12 months

¹ Applies only for certain brands. The IFT test certificate must be strictly observed!

² Please refer to the technical data sheet!

³ Measured at 20 °C / 60 % RLF. Values depending on temperature and humidity.

Article No.	Article Description	QTY
6830 8200	K(300ML)SILICONE MC TRANSP. 5*	25
6830 8201	K(300ML)SILICONE MC WHITE 5*	25
6830 8202	K(300ML)SILIC.MC LIGHT GREY 5*	25
6830 8203	K(300ML)SILICONE MC MID-GREY5*	25
6830 8204	K(300ML)SILIC.MC ANTHRACITE 5*	25

Colour name	Colour display*
light grey	
middle grey	
anthracite	

*Colour reproduction not binding

Sealing Adhesive MS-P

- High-quality strong adhesive, neutral 1K adhesive and sealant compound on MS polymer base
- Permanently elastic and weather-resistant
- Very good UV resistance
- Can be painted and varnished
- Neutral odour
- Free from isocyanate, silicone, and solvents
- Seawater resistant
- With fungicide

Usage instructions:

- Contact surfaces must be sustainable and clean as well as free from grease and oil
- It may be necessary to pretreat porous substrates with silicone primer or system primer
- Push together the materials to be adhered or smooth out the seal joint with a smoothing agent during the skin formation period



Your Advantage / Benefit

- Suitable for use as a seal and a bond both indoors and outdoors
- Has a broad bonding spectrum, even without primer
- Will not corrode metals
- Possesses ISEGA food grade certification
- Tested in accordance with DIN EN ISO 846 process A and C (ILH Berlin)
- Tested in accordance with ISO 11600 F 20 HM

Application

- Adheres very well to wood, metal, concrete, polyester, polystyrene, hard PVC, ceramics, porcelain, glass, glazed surfaces, enamel, stone, etc.
- In wood, metal, and glass construction, in climate control and ventilation, catering areas, electronic installations, coachwork, vehicle manufacture and the food industry
- For bonding mirrors, panels, borders, window sills, and insulation materials
- Not suitable for use on PP, PE, PTFE, and bitumen as well as underwater



Technical Data	
Raw material base:	MS-Polymer
Concentration:	1.54 g/ml
Skin formation time:	10 min.
Curing:	approx. 2–3 mm / 24 hrs
Shore A-hardness:	60
Ability to absorb movement:	25 %
Paintable:	yes
Working temperature:	+5 °C to +40 °C
Temperature resistance:	-40 °C to +90 °C
Shelf life (at +5 °C to +20 °C):	12 months from date of manufacture

Article No.	Article Description	QTY
6880 9 290 1	SEALING ADHES.MS-P BROWN 435G	e 25
6880 9 290 2	SEALING ADHES.MS-P WHITE 435G	e 25
6880 9 290 3	SEALING ADHES.MS-P GREY 435G	e 25
6880 9 290 4	SEALING ADHES.MS-P BLACK 435G	e 25
6880 9 600 2	SEALING ADHES.MS-P WHITE 900G	12
6880 9 600 3	SEALING ADHES.MS-P GREY 900G	12

Power Adhesive Hybrid

Characteristics:

- 1K-Power adhesive with extremely high initial tack and ultimate strength
- Very good adhesion on almost all usual construction substrates, also damp ones
- Quick hardening
- Odourless and non-corrosive to metals
- Elastic joint
- Natural stone compatible
- Can be painted over when cured
- Very good UV, weathering and seawater resistance
- Isocyanate, silicone and tin-free

Complies with the requirements of the following standards:

- GEV-Emicode EC 1 plus

Applications:

- **System component of the FÖRCH pre-wall installation system**
- Excellent adhesion to wood, metal, natural stone, concrete, duro- and thermoplastics, polystyrene, ceramic, glass, etc.
- Particularly suitable for various applications in vehicle constructions and vehicle bodies for the bonding of sandwich panels
- For vertical and overhead applications, as well as for the bonding of panels, wooden strips, window sills, etc.
- For container building, metal trade and mechanical engineering, plastic bonding, indoor and outdoor applications, mirror bonding, as well as for the working of natural stone, etc.
- No adhesion on PE / PP

Processing:

- The surfaces to be bonded must be sound, clean, as well as grease and oil-free
- Pre-treat porous substrates with silicone undercoat (Art. No 6830 8299) or primer system (Art. No 6880 1000)
- Put the materials to be bonded together within skin formation time



Technische Daten

Basis:	1K-STP
Colour:	white
Film characteristics:	elastic
Shore A hardness:	approx. 70
Viscosity (at +20°C):	highly viscous-pasty
Density (acc. to EN 542 bei +20°C):	approx. 1.47 g/cm ³
Tensile strength:	5 N/mm ²
Skin formation time (at +20 °C, 50 % rel. hum.):	approx. 5 min
Hardening speed (at +20 °C):	approx. 3 mm (in 24 h)
Min. processing temperature:	starting at 0 °C (short term up to +120 °C)
Temperature resistance:	-30 °C to +80 °C
Storage time (dry, betw. +15 °C and +25 °C):	12 months

Article No.	Article Description	QTY
6880 18 310	POWER ADHESIVE HYBRID 450G 5*	e 25
6880 18 600	POWER ADHESIVE HYBRID 870G 5*	10

Scope of delivery Art. No. 6880 18 600:

- Incl. cartridge tip adapter and nozzle with V-weld

Join Fux

- The long handle of this joint filler removal tool will keep silicone off your fingers
- Best handling, optimal movement control when pulling up material
- Its thin tip is good for pulling sealant out of hard-to-reach corners

Available in 3 different kits:

- Art.- No. 5422 140 60 8: 5-pc. mixed size 6.5 / 8.5 / 10.0 / 12.5
- Art.- No. 5422 140 60 9: 5-pc. round
- Art.- No. 5422 140 60 10: 3-pc. angular size 6.5 / 8.5 / 10

Article No.	Article Description	QTY
5422 140 60 8	JOINT FUX 5PCE MIXED	1
5422 140 60 9	JOINT FUX 5PCE ROUND	1
5422 140 60 10	JOI.FUX 3PCE ANGUL.6.5/8.5/10	1



Joint-Filler Knife

- Special plastic
- High-flexible
- Acid resistant
- For rapid and clean smoothing of silicone and acrylic joints

Article No.	Article Description	QTY
5422 140 60	JOINT-FILLER KNIFE 8.5X40MM	1
5422 140 60 3	JOINT-FILLER SET 3-PIECES	1
5422 140 60 7	JOINT-FILLER SET 7-PIECES	1



Replacement Nozzles for Cartridges

Art.-No. 6015 1000:

- For bagged goods
- With piercing device, no slicing of the bag necessary anymore

Article No.	Article Description	QTY
6015 8270	REPLACEMENT TOP F. EXCHANGE.	e 25
6015 8271	REPL.NOZZLE PLST.CARTRI.LOCKAB	e 10
6010 0010	BAG(10)CARTRI.NOZZLE TURN.360°	1
6015 1000	BAG(25)BAG NOZZLE EASY CUT	1



Nozzles for Flat Application

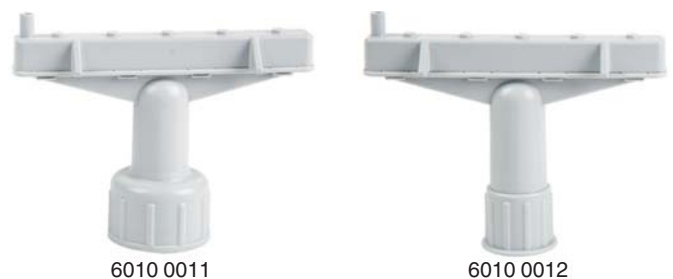
Suitable for flowable and pasty materials

Art.-No. 6010 0011:

- Suitable for bottles

Art.-No. 6010 0012:

- Suitable for cartridges
- Five application vents allow an application width of 20 - 75 mm depending on the individual cutting
- Lateral guiding nose-piece for better grip and round-shaped or flat outer edges, guiding nose-piece easily removable at inner edges
- Uniform application for narrow and broad surfaces by laterally positioned guiding nose-pieces



Article No.	Article Description	QTY
6010 0011	BAG(20) BOTTLE NOZZLE FLAT	1
6010 0012	BAG(20) CARTRIDGE NOZZLE FLAT	1



Silicone Primer

- Improves the adhesion of silicone-sealing compounds on aspirating and porousing undergrounds e. g. concrete, wood etc.
- Avoids corrosion on bared and galvanized ferric, aluminium, stainless steel, copper, plumb etc.
- Especially used at applicaton of acetate-systems

Article No.	Article Description	QTY
6830 8299	SILICONE PRIMER 250ML	e 24



Silicone Smoothing Agent

- For clean and even removal from fresh sealant joints such as, e.g., silicone, MS polymer, etc.

- Acid and alkali free

Usage instructions:

- After the smoothing process, remove any excess smoothing agent from the substrate
- May cause corrosion when steel parts are joined
- Discolouration may occur on absorbent substrates
- Do not apply to water-sensitive or expandable surfaces
- Preliminary tests should be performed if necessary

Art. No. 6830 8290:

- 400 ml aerosol can

Art. No. 6830 8291:

- Concentrate, can be diluted 1:10

Art. No. 6830 8295:

- Ready to use, solvent-free, sealant smoothing agent
- Produces smooth, attractive joint surfaces

Article No.	Article Description	QTY
6830 8290	SMOOTHING AGENT SPRAY DS 400ML	e 12
6830 8291	SMOOTH.AGENT SPR.CONCENTR. 1L	e 12
6830 8295	SILICONE SMOOTHING AGENT 5L	1



Joint Knife

- Cutting tool for elastic sealants
- Double-sided blade form and 90° chamfering makes the tool usable in forward and backward movement

Fields of application:

- For all seams in construction work
- Not suitable for cement and mortar seams

Article No.	Article Description	QTY
4765 100	JOINT KNIFE	1 f



Handymax Profi - Hand Operated Cartridge/Bag Gun

- Professional design
- **With power transmission**
- Ergonomically-shaped handle
- With ball bearing mounted pressure rod

Art.-No. 6010 0005:

- 1:14 for highly viscose (difficult to press out) sealing-adhesive compounds

Art.-No. 6010 0006, 6015 0019 and 6015 0021:

- 1:10 for normal viscose (easy to press out) sealing-adhesive compounds

Article No.	Article Description
6010 0005	HANDYMAX 1:14 VS 2.9MM K 310ML
6010 0006	HANDYMAX 1:10 VS 4.0MM K 310ML
6015 0019	HANDYMAX 1:10 VS4.0MM F.B600ML
6015 0021	HANDYMAX 1:10 VS4.0MM F.B400ML
6800 0012	DUO-PRESS-GUN HANDYMAX



Hand Operated Cartridge Gun

- For 310 ml cartridges

Article No.	Article Description
6010 0001	HAND-PRESSURE GUN F.CART.310ML
6010 0002	HAND-PRE.GUN SKEL.F.CART.310ML
6010 0009	HAND-PRE.GUN BLA. F.CART.310ML



6010 0001



6010 0002



6010 0009

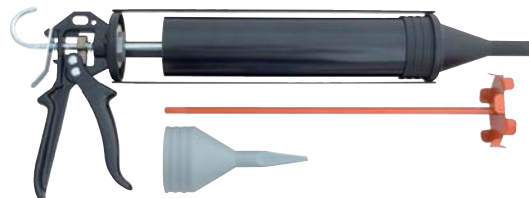
Mortar Cartridge

- Optimum processing of e.g. grout
- Exactly filled seams ensure maximum hold, firmness and stability

Article No.	Article Description
6010 1000	MORTAR CARTRIDGE FX-1000

Scope of delivery:

- 1x filling tube with a volume of approx. 1 liter, 2 nozzles, 1x mixer



Spare Parts for Mortar Press

Article No.	Article Description
6010 1000 1	FILLING PIPE
6010 1000 21	NARROW NIB (OPENING 3X2MM)
6010 1000 22	BROAD NIB (OPENING 13X7MM)
6010 1000 3	RUBBER SEALANT



6010 1000 1



6010 1000 2 2



6010 1000 2 1



6010 1000 3

Gun Foam 1K 500 Plus SV

- Moisture-hardening 1-component polyurethane foam for damming, filling and soundproofing of window and window sill connections, tubular feedthrough, wall connection, wall penetration and cavities
- Easy to handle due to compact can
- Extremely large foam yield: approx. 45 l of foam
- Approved by building inspection authorities
- High sound insulation value: 61 dB

Processing instructions:

- Shake can well before use (approx. 20x)
- Slight moistening/spraying of surfaces improves the adhesion and hardening as well as the cell structure
- Adhesion on concrete, stone, metal and wood. No adhesion on polyethylene, silicone, PTFE and grease
- Use primer if surface is porous or priming
- Carry out contact tests

Technical Data

according to DIN 4102, part 1:	B2
Evaluated joint sound insulation:	61 dB
Foam yield:	approx. 40 l
Non-adhesive:	after approx. 10 mins
Can be cut:	after approx. 15 - 30mins
Processing temperature	
Environment and surface:	approx. -5°C to 30°C
Tin:	+5°C to +25°C
Temperature resistant (hardened):	-40°C to +90°C
Shelf life:	12 months
Colour:	yellow

* at 20 °C and 60 % relative humidity

Article No.	Article Description	QTY
6800 8154	1K-PU-VOLUMEFOAM.500 PLUS SV	16



Foam Package 500 Plus SV

Contents:

Article-No.	Article Description	Quantity
6800 8151	PU-UNIVERSALCLEANER SV 500ML	2
6800 8152	1K-PU-VOLUMEFOAM.METAL SV	1
6800 8154	1K-PU-VOLUMEFOAM.500 PLUS SV	32



Article No.	Article Description	QTY
6800P 500 1	FOAM PACKAGE 500 PLUS SV	1

Universal Cleaner PU SV

- PU-cleaner with fast-closing-adapter-system removes fresh PU-foam-dirt reliably and cleans gun
- Combi-tin with spray head for the conventional use as a spray as well as with adapter-system to clean the PU-foam gun

Article No.	Article Description	QTY
6800 8151	PU-UNIVERSALCLEANER SV 500ML	e 12



Foam Gun SV

- High-quality gun with especially screw adapter
- The foam cans can be screwed securely and quickly with just half a turn, due the quick-adapter system
- With PTFE inner coating

Article No.	Article Description	QTY
6800 8152	1K-PU-VOLUMEFOAM.METAL SV	1



Gun Foam 1K-PU 500 plus

- Moisture-hardening one-component-polyurethane-foam to insulate and fill window joints, window sill joints, pipe feedthroughs, wall joints, wall breakthroughs and hollow spaces
- Easy to handle due to short compact can
- Extremely large foam yield: approx. 45 l of foam
- General building authority approval
- High sound insulation value: 61 dB
- Complies with the requirements laid down in the specifications for installation of the RAL-Quality Association for Windows and House Doors e.V. and ÖNORM B5320
- Very low-emission Plus EMI CODE®-EC 1^{Plus}

Processing instructions:

- Shake can well before use (about 20x)
- Slight moistening/spraying of surfaces improves the adhesion and hardening as well as the cell structure
- Adhesion on concrete, stone, metal and wood. No adhesion on polyethylene, silicone, PTFE and grease
- Use primer if surface is porous or priming
- Carry out contact tests
- Water has to be added if temperatures are below freezing point

Technical Data	
Building material class	B2
acc. to DIN 4102, part 1:	B2
Evaluated joint sound insulation:	61 dB
Foam yield	approx. 40 l
Non-adhesive:	after approx. 10 mins.
Can be cut:	after approx. 15 - 30 mins.
Processing temperature	-5 °C bis +30 °C
for can, environment and surface:	-5°C to +25°C
Temperature resistant (hardened):	-40°C to +90°C
Shelf life:	12 months

* at 20 °C and 60 % relative humidity

Article No.	Article Description	QTY
6800 8106	1K-PU GUN FOAM 500+GREY	16
6800 8108	1K-PU GUN FOAM 500+WHITE	16



Foam Package 500 Plus

Contents Art. No 6800P 500:

Article-No.	Article Description	Quantity
6800 8102 1	1K-PU-FOAM GUN ECO	1
6800 8106	1K-PU GUN FOAM 500+GREY	32
6800 8120	PU-UNIVERSAL CLEANER 500ML	2

Contents Art. No 6800P 500 2:

Article-No.	Article Description	Quantity
6800 8102 1	1K-PU-FOAM GUN ECO	1
6800 8108	1K-PU GUN FOAM 500+WHITE	32
6800 8120	PU-UNIVERSAL CLEANER 500ML	2

Article No.	Article Description	QTY
6800P 500	FOAM PACKAGE 500 PLUS GREY	1
6800P 500 2	FOAM PACKAGE 500 PLUS WHITE	1



Gun Foam 1K-PU „S“

- Hardly inflammable, moisture-hardening one-component-polyurethane foam
- General building authority approval
- Drip-free and precise dosing with mounting gun
- CFC-free

Processing instructions:

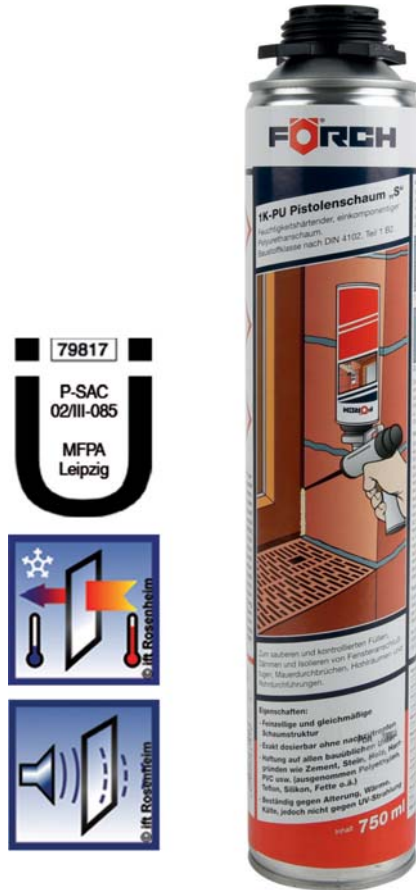
- Shake can well before use (approx. 20x)
- Slightly moistening/spraying of surfaces improves the adhesion and hardening as well as cell structure
- Adhesion on concrete, stone, metal and wood. No adhesion on polyethylene, silicone, PTFE and grease
- Use primer if surface is porous or priming
- Contact tests are recommended

Technical Data

Build. mat. class acc. to DIN 4102, part 1:	B2
Val. joint sound-damp. dosage:	57 dB
Max. foam volume:	approx. 40 l
Foam up:	approx. 150 %
Non-stacky:	after appr. 10 mins
Can be cut:	after appr. 40 mins
(Ascertained at +20°C, 60% humidity)	
Processing temperature for can, environment, underground:	+5 °C bis +25 °C
Temperature resistant (hardened):	+5°C to +25°C
	-40°C to +90°C

* at 20 °C and 60 % relative humidity

Article No.	Article Description	QTY
6800 8101	1K-PU GUN FOAM "S" 750ML	16



PU-Universal Cleaner

- Removes PU-foam dirt reliable and cleans the mounting gun
- Combi-tin with spray head for the conventional use as a spray as well as with screw thread to clean the PU-foam gun
- Easily biodegradable, AOX-free

Article No.	Article Description	QTY
6800 8120	PU-UNIVERSAL CLEANER 500ML	ed 24



Foam Handheld 1K-PU

- Moisture-hardening one-component-polyurethane foam to fill and insulate window joints, window sill joints, pipe feedthroughs, wall joints, wall breakthroughs and hollow spaces
- General building authority approval
- CFC-free

Processing instruction:

- Shake can well before use (approx. 20x)
- Moistening/spraying of surfaces improves the adhesion on and hardening as well as the cell structure
- Adhesion on concrete, stone, metal and wood. No adhesion on polyethylene, silicone, PTFE and grease.
- Use primer if surface is porous or priming
- Contact tests are recommended

Technical Data	
Build.mat.class acc. to DIN 4102, part 1:	B2
Max. foam volume:	approx. 40 l
Foam up:	approx. 150 %
Non-adhesive*:	after approx. 10 min
Can be cut*:	after approx. 40 min
Processing temperature for tin, environment and surface	+5 °C to +25 °C
Temperature resistance (hardened)	-40 °C to +90 °C
Shelf life:	12 months

* at 20 °C and 60 % relative humidity

Article No.	Article Description	QTY
6800 8105	1K-PU FOAM HANDHELD 750ML	12



Well Foam 1K-PU

- To seal and connect wells or concrete well casings
 - Saves time-consuming mortar setting
 - Faster, time-efficient working
- Resistant against fuel, oil, water and bacteria and acids found in soil
 - individual range of use
- CFC-free
 - Environmentally-friendly
- Test certificate for water tightness

Processing instructions:

- May not be used for construction above ground

Technical Data	
Fire class acc. to DIN 4102, part 1:	B3
Foam yield:	approx. 40 l of foam
Non-adhesive:	after approx. 10 min
Can be cut:	after approx. 40 min
Processing temperature for tin, Environment and surface:	+5 °C to +25 °C
Temperature resistance (hardened):	-40 °C to +90 °C (+120 °C max. 1 h)
Shelf life:	12 months

Article No.	Article Description	QTY
6800 8132	1K-PU WELL FOAM G.A. 750ML	12
6800 8133	1K-PU WELL FOAM - PIPE 750ML	12



Gun foam 1K-PU B1

- Flame resistant, moisture-hardening 1-component polyurethane foam
- General building authority approval
- Can be dosed exactly without drips from the assembly gun
- Hardly inflammable between massive mineral or metallic materials, joint depth and width up to 40 mm

Processing instructions:

- Shake can well before use (approx. 20x)
- Slight moistening / spraying of surfaces improves the adhesion and hardening as well as the cell structure
- Adhesion on concrete, stone, metal and wood. No adhesion on polyethylene, silicone, PTFE and grease
- Use primer if surface is porous or absorbent
- Contact tests are recommended

Technical Data	
Build. mat. class acc. to DIN 4102, part 1:	B1
Foam yield:	approx. 45 l
Can be cut:	after approx. 40 mins.
Processing temperature for can, environment and substrate):	+5°C to +25°C
Temp. resistant (hardened):	-40°C to +90°C
Colour:	pink
Shelf life:	12 months

* at 20 °C and 60 % relative humidity

Article No.	Article Description	QTY
6800 0538	1K-PU GUN FOAM B1 750ML	12



Perimeter adhesive foam

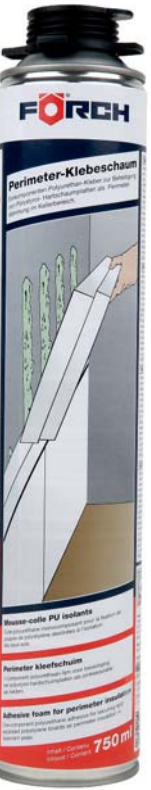
- 1-part polyurethane adhesive foam for mounting rigid PS foam boards as perimeter insulation in basements
- Excellent heat insulation
- Exceptional dimensional stability
- Exceptional adhesion of insulation panels to conventional surfaces, such as concrete, bitumen sheeting or bitumen thick coatings
- Quick and easy delivery and handling with a foam gun

Usage instructions:

- Contact surfaces must be sound, clean, dry, dust-free and grease-free
- Screw the can onto the gun with the valve facing upwards and shake vigorously
- Place the bottom row of insulating panels on a firm surface
- Apply lines of adhesive vertically, spaced approx. 25 cm apart, on the wall or panel
- Allow adhesive to sink in (between 2 and 10 min), firmly press panel onto basement wall
- Seal open joints in the insulation with adhesive
- The final strength of the adhesive is achieved by the pressure applied by the backfilled soil. The backfilling should take place within 14 days of applying the adhesive.
- Not suitable for applications in groundwater areas (due to pressing water)

Technical Data	
Construction material class in accordance with DIN 4102 Part 1:	B2
Basis:	Polyurethane
Colour:	Mint green
Tack-free time of surface:	After approx. 10 min
Cutttable:	After approx. 30 min
Coverage:	Approx. 13 m ² wall area
Working temperature:	+5 °C to +35 °C
Temperature resistance:	-40 °C to +90 °C
Shelf life:	12 months

Article No.	Article Description	QTY
6800 8109	INSULAT.BOARD-ADHESIVE750ML	e 12



Frame Foam 2K-PU

- Ready-to-use, self-expanding 2K polyurethane quick foam
- Hardens extremely quickly without compressive and tensile stress, regardless of air humidity
- Exceptionally stable, i.e. no volume shrinkage and no elongation after it has fully cured
- One can contains enough for about 2 - 3 door frames
- Exceptional adhesion to almost any construction substrate (other than PE, PP, PTFE and silicone)
- After hardening, it can be covered by plaster, painted, or taped
- Low emissions: EMICODE®-EC 1

Note on usage:

- Will bond to virtually any of the standard construction substrate materials such as concrete, brickwork, stone, plaster, wood, corrosion-protected metal, polystyrene (EPS and XPS), PIR / PUR rigid foam, polyester, and rigid PVC
- Will not bond to PE, PP, PTFE and silicone
- Contact surfaces must be sustainable, clean, dry, dust-free, and grease-free
- It is recommended that you perform an adhesion and compatibility test on every substrate before application
- **Do not dampen the bond surfaces and foam!**
- Please observe the information our technical and safety data sheet



Technical Data

Non-adhesive surface:	approx. 5 min (30 mm foam line)
Can be cut:	approx. 13 min (30 mm foam line)
Can be spread:	approx. 45 min (30 mm foam line)
Fully resilient:	approx. 4 h (30 mm foam line)
Processing temperature adhes. surface, Environment and tin:	+10 °C to +30 °C (ideal approx. 20 °C)
Heat conductivity (DIN 52612):	0,035 W/(m•K)
Volume change (DIN EN ISO 10563):	≤ 5%
Temperature resistance:	-40 °C to +90 °C (+120 °C max. 1 h)
Foam yield:	max. 10 l of foam
Building material class:	B2
Shelf life:	12 months

Article No.	Article Description	QTY
6800 8130	FRAME FOAM 2K-PU 400ML	e 12

Flexible Foam Knife 290 mm

- Extremely flexible and multi-purpose knife
- Ideally suitable for the cutting of hardened foam
- Blade: stainless steel
- Handle: plastic
- Total length: 425 mm



Article No.	Article Description	QTY
4762 290	FLEXIBLE FOAM KNIFE 290MM	1

Felt Band Vibro-Soft

- Self-adhesive, black
- Band height: 1 mm
- The tape for '1001' options for vibration, sound and noise insulation (chattering)
- For all mounting parts, which are exposed to vibrations and oscillations due to natural vibration of the car e.g. hat half, headlining, running board, interior carpeting clips, cell phone car mount holder etc.
- In a dispenser cardboard carton

Article No.	Article Description	QTY
5420 20 8	RO(20M)VIBRO-SOFT 8MM	1
5420 20 20	RO(20M)VIBRO-SOFT 20MM	1



Compri Sealing Tape for Car

- Self-adhesive, pre-compressed, black sealing tape
- Sealing and vibration protection purposes in the area of ventilation and heating, bearing areas, cross bracing in the rear lid etc.
- Installation aid to protect against vibrations for car radios, loudspeakers etc.
- To wrap car aeriels (e.g. VW, Ford)
- After releasing the compression a reset force is developing which firmly presses against the gap flank and compensates flatness imperfections
- Temperature resistance from -30°C to 100°C (short-term up to 130°C)
- Material: PUR flexible foam carrier with acrylic dispersion impregnation

Technical Data			
Art.-No.	Width mm	Height compressed mm	Height expended joint width *) mm
5420 40	10	1	1-4
5420 41	15	2	2-6
5420 42	15	4	4-9
5420 43	20	1	1-4

Article No.	Article Description	QTY
5420 40	RO(13M)KOMPR.SEAL.TAPE 10/1-4	1
5420 41	RO(12M)KOMPR.SEAL.TAPE 15/2-6	1
5420 42	RO(8M)KOMPR.SEAL.TAPE 15/4-9	1
5420 43	RO(13M)KOMPR.SEAL.TAPE 20/1-4	1



*) Component movement and temporary length changes of the existing joints have to be considered on determining the appropriate band size

Clamp for Compressed Foam Tape

- For the fixation of compressed foam tape ends to the rolls
- Tape end is clamped to the roll and swelling of the tape end is prevented
- Also suitable for edge veneer rolls
- Clamp opening: 0 – 30 mm

Article No.	Article Description	QTY
8800 30	CLAMP F.COMPR.FOAM TABE 30MM	1
8800 95	CLAMP F.COMPR.FOAM TABE 95MM	1



Foam Gun Accessories

Article No.	Article Description	QTY
6800 8103 2	THREADED NIPPLE	1
6800 8103 3	DOSING NEEDLE	1
6800 8103 4	GUN BARREL	1
6800 8103 5	GUN HANDLE	1



6800 8103 1

6800 8103 2



6800 8103 3



6800 8103 4



6800 8103 5

Metal Foam Gun

- High quality metal dosing gun
- Adaptor and needle are PTFE-coated
- Tapered extrusion tube for high stability
- Smoothly dosage needle adjusting screw
- Optimal handling
- Rubberized handle for secure grip

Article No.	Article Description	QTY
6800 8104	1K-PU-FOAM GUN METAL	1
6800 8140	REPLACEMENT TIP F.METAL GUN	1



Foam Gun **ECO**

- Light-weighted plastic / metal gun
- With metal trigger
- Big adjusting screw for excellent justification
- Ergonomic soft-rubberized handle

Article No.	Article Description	QTY
6800 8102 1	1K-PU-FOAM GUN ECO	1



Applicator Gun Accessories

Art. No 6800 8050 1:

- Extension tube attachment for applicator gun

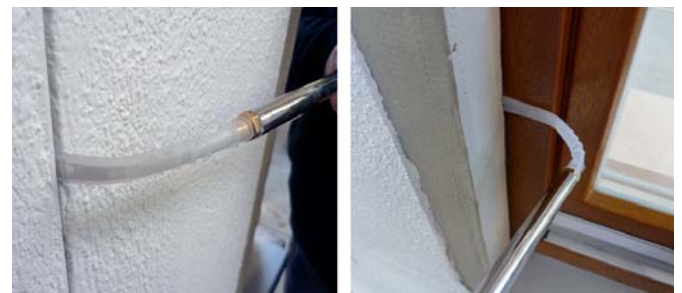
Art. No 6800 8050 2:

- Cone end attachment for applicator gun

Art. No 6800 8050 3:

- Tube attachment for narrow joints for applicator gun
- For narrow and difficult joint measures (5 mm)
- Flexible up to 90 degrees

Article No.	Article Description	QTY
6800 8050 1	BTL(50)TUBES FOR GUN	1
6800 8050 2	BTL(50)TIPS FOR GUN	1
6800 8050 3	BTL(50)NARROW JOINT TUBES	1



Quick Cement

- Free from chloride - no corrosion with the used materials – universally applicable
- Setting time 3 – 5 minutes – fast assembly with fast resilience – saves time
- Mineral compound quickcement - ready mixed formulation
- Suitable to cement and fix of:
door frames, ornament and security grills, radiators, awnings, shutters, toilet and bidet pedestals, garage doors, letterboxes, banisters and supports, outdoor lights, fences, fuel pumps, drains both interior and exterior, intercom, pipes, lines, chimney surrounds etc.

Storage:

- Quick cement when stored dry can keep up to 12 months in original unopened packaging.

Usage instructions:

- Wet the surface sufficiently. Mix the quickcement with clean water to a plastic compound. Once mixture hardens stop adding water.

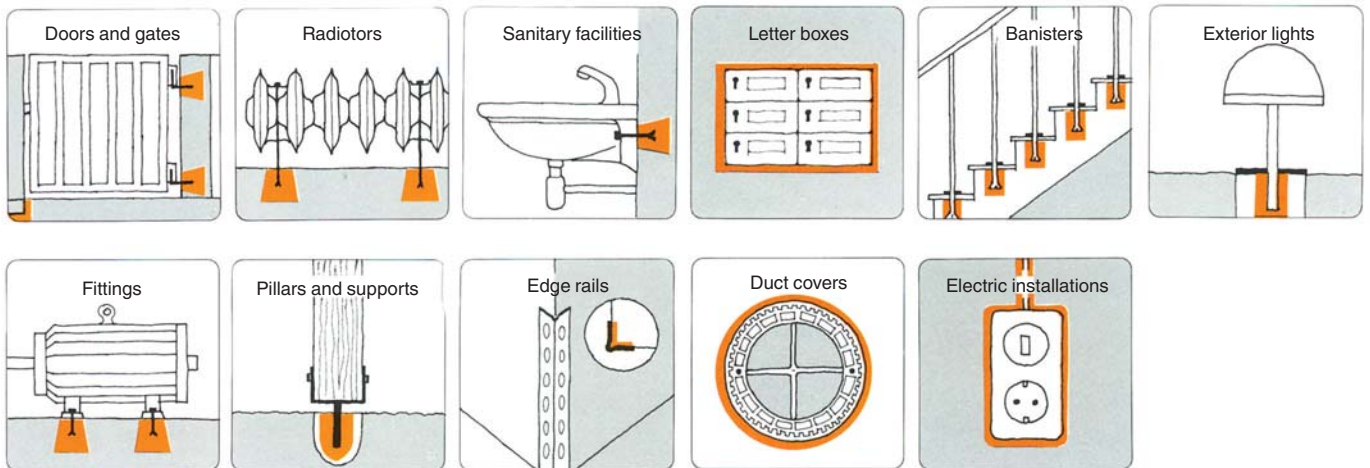


Technical Data	
Drip-time:	1 – 2 minutes
Setting period:	approx. 3 minutes
Handling temperature:	not below 5°C do not use if ground frost is expected
Water requirement:	approx. 0.3 l/kg = 1/3 water and 2/3 quickcement



Colour sample

Applications

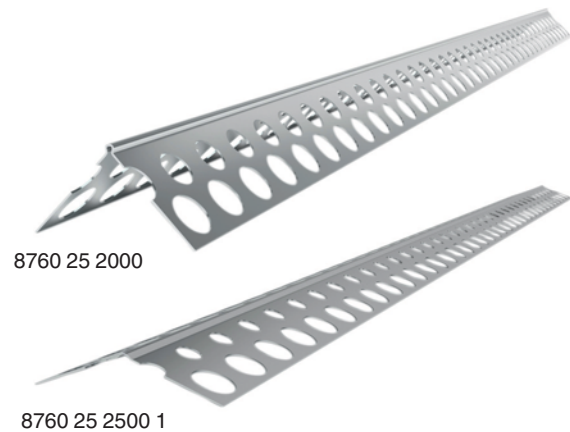


Article No.	Article Description	QTY
6880 5	KG<5>QUICKCEMENT IN BUCKET	5
6880 15	KG<15>QUICKCEMENT IN BUCKET	15
6880 5 1	KG<5>QUICKCEMENT BUCKET 5X1KG	5

Trockenbau

Aluminium Corner Angle

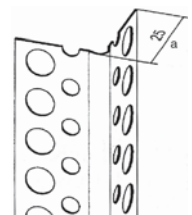
- Material: Bright aluminium
- Side lengths: 25 × 25 mm
- Both sides are perforated
- Suitable for reliable protection of corners and edges of plasterboard panels in dry walling
- Can also be used in thermal insulation composite systems
- Angle must be completely filled
- Plaster thickness: 1.0 mm



Article No.	Article Description	QTY
8760 25 2000	MTR.ALU CORN. ANGLE 25X25X2000	200
8760 25 2500	MTR.ALU CORN.ANGLE 25X25X2500	250
8760 25 2500 1	MTR.ALU COR.AN.135° 25X25X2500	125
8760 25 3000	MTR.ALU CORN. ANGLE 25X25X3000	300
8760 25 3000 1	MTR.ALU COR.AN.135° 25X25X3000	150

(Side size a × b × length mm)

Technical Data
Angle
90°
90°
135°
90°
135°

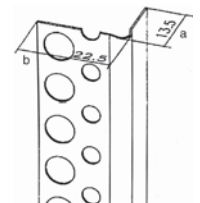


Aluminium End Profiles 13/23

- Material: Bright aluminium
- Side length: 13.5 × 22.5 mm
- Angle: 90°
- Short side is not perforated
- Protective end for shadow gaps or the open side of the plasterboard panel in dry walling

Article No.	Article Description	QTY
8760 13 2500	MTR.ALU END PROFILE 13X23X2500	250
8760 13 3000	MTR.ALU END PROFILE 13X23X3000	300

(Side size a × b × length mm)

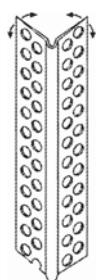


PVC Corner Angle, Flexible

- Material: Hard PVC
- Side lengths: 25 × 25 mm
- Corner reinforcement for edges not equal to 90° on plasterboard panels in dry walling
- Both sides are perforated
- Plaster thickness: 1.0 mm

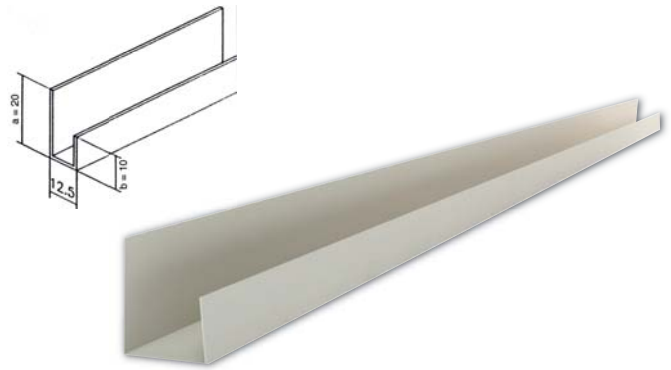
Article No.	Article Description	QTY
8760 2 25 2500	MTR.PVC COR.FLEX. 25X25X2500	250
8760 2 25 3000	MTR.PVC COR.FLEX. 25X25X3000	300

(Side size a × b × length mm)



Edging Profiles, PVC

- Material: Hard PVC
- Side lengths: 20 × 10 mm, asymmetric
- During filler work in connection with the plasterboard panel
- Used as an end plate against other building elements or for forming joints at irregular junctions, e.g., on ceilings (visible panel end)
- Clip onto the plasterboard panel with slight pre-tension, but do not trowel off
- Fill the entire surface from the profile to the centre of the panel to achieve a flat, level transition

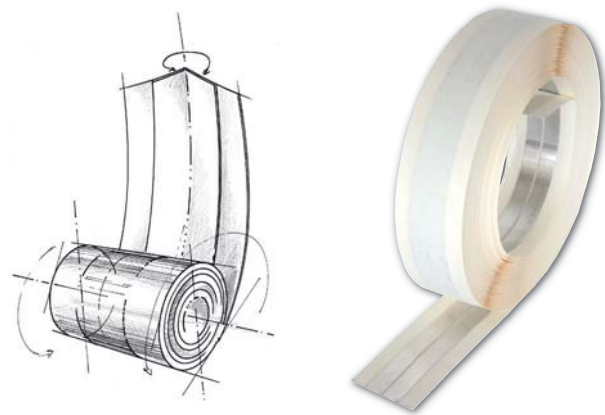


Article No.	Article Description	QTY
8760 1 25 2500	MTR.PVC EDG.PROFIL.12.5MM/2500	125

(For plasterboard panels / length mm)

Aluminium Edge Protector, Roll

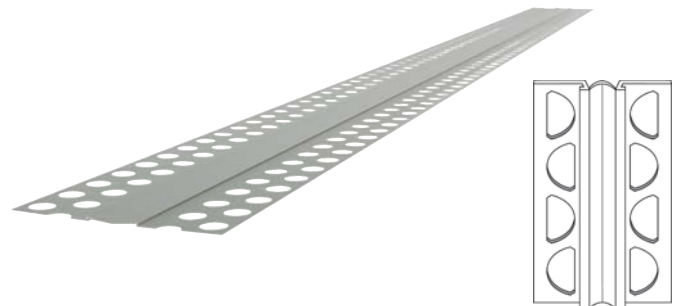
- Two-part edge protector consists of two 12 mm wide bright aluminium tapes which are bonded together with a 52 mm wide kraft paper strip; distance between the tapes: 1 mm
- The edge protector protects the corners and edges of the plasterboard panels in dry walling
- Edges between 5° and 175° can be covered
- The edge protector is folded over and sealed over the entire surface
- Roll length: 30 m
- Plaster thickness: 1.0 mm



Article No.	Article Description	QTY
8761 30	RO(30M)ALU EDGE PROTEC. 2-PART	e 10

Movement Profile, PVC, Roll

- Material: Hard PVC with soft PVC centre section
- Width: 5.2 cm
- Roll length: 75 m
- Plaster thickness: 3 mm
- Movement profile with elastic centre section for thin skim plasters
- Used everywhere that movement is to be expected or where different building elements meet (e.g., ceiling-wall)



Article No.	Article Description	QTY
8760 3 52 7500	MTR.PVC MOVE.PROFILE 3X52X7500	75

(Plaster thickness × width × length mm)

Semi-Circular Arch Profile, Hard PVC

- Material: Hard PVC
- Side length: 33 mm
- PVC edge profile for forming edges of semi-circular arches in thin skim plasters



Article No.	Article Description	QTY
8760 33 3000	MTR.PVC ARCH PROFIL.33X33X3000	75

(Side size a × b × length mm)

Fibreglass Matting Joint Cover Strips

- Used in dry walling in conjunction with the plasterboard panel during filler work for bedding in the joint in the joint area
- Lay over the joints, lightly press in from top to bottom and fill the entire surface
- The fibreglass matting strips should not lie on top of one another in corners
- Approx. usage of 1.3 running metres/m³ of plasterboard panel
- Made from strips of fibreglass matting with or without end-to-end perforations
- Strips are wet strength, alkali-resistant and have a high tear resistance
- Basis weight: 45 g/m²

Article No.	Article Description	QTY
8761 1 50 25	RO(25M)JOINT C.STR.MATT. 50MM	100
8761 1 50 25 1	RO(25M)JOINT C.STR.MATT.GL50MM	100

(GL = perforated)



Fibreglass Matting Joint Cover Strips Slim

- For reinforcing joints when using plasterboard panels
- For filling and renovating cracks in interior plaster and plasterboard panel surfaces
- Dimensionally stable
- Open structure – allows the filler material to penetrate well
- Breathable
- Permeable to water
- Thickness: 0.34 mm
- Basis weight: 30 g/m²

Article No.	Article Description	QTY
8761 4 50 25	RO(25M)JOINT C.STR.SLIM 50MM	100

(Roll length / width mm)

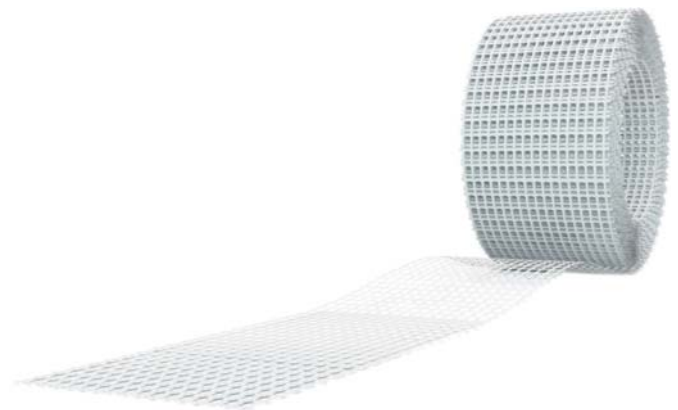


Fibreglass Fabric Joint Cover Strips

- **Self-adhesive**
- The surfaces must be dry and free from dust and grease
- Store the tape rolled up if possible, and in a cool and dry place
- Working temperature +5 °C to +40 °C
- Fabric is resistant to displacement, alkalis, alcohol and is waterproof
- Basis weight: 65 g/m²

Article No.	Article Description	QTY
8761 2 50 20	RO(20M)JOINT C.STR.SK 50MM	60
8761 2 50 45	RO(45M)JOINT C.STR.SK 50MM	e 54
8761 2 50 90	RO(90M)JOINT C.STR.SK 50MM	e 24
8761 2 100 45	RO(45M)JOINT C.STR.SK 100MM	e 24
8761 2 100 90	RO(90M)JOINT C.STR.SK 100MM	e 12

(Roll length / width mm)



Paper Fabric Joint Cover Strips

- For bridging joints in dry walling with plasterboard panels
- The surfaces must be dry and free from dust and grease
- Edges are sanded to obtain better bonding with the joint compound used
- Pre-creased
- Microperforated
- Basis weight: 135 g/m²

Article No.	Article Description	QTY
8761 3 50 23	RO(23M)JOINT C.STR.PAPER 50MM	20

(Roll length / width mm)



Partition Wall Tapes

- Sound-deadening underlay for metal pillar profiles, indoors and outdoors
- Closed PE cell structure, high elasticity and resistant to chemicals
- No PE peel-off film
- Hence no waste PE film requiring disposal, unlike other sealing tapes
- Building material class B1 flame retardant according to DIN 4102 Part 1
- Consistent adhesion, as the sealing tapes cannot unwind and become dirty as a result

Article No.	Article Description	QTY
8802 3 30	RO(30M)PARTIT. WALL TAPE 3 X30	e 30
8802 3 50	RO(30M)PARTIT. WALL TAPE 3 X50	e 20
8802 3 70	RO(30M)PARTIT. WALL TAPE 3 X70	e 12
8802 3 95	RO(30M)PARTIT. WALL TAPE 3 X95	e 10

(Roll length × roll width mm)



Plastering Tapes for Dry Walling and Plaster

- Tape made of closed-cell polyethylene foam
- Roll widths 30 mm and 50 mm with a 10 mm adhesive strip at the edge
 - The remainder can be neatly trimmed at the edges of the plaster and plasterboard panel
- For insulating and sealing the facing joints
- Prevents stresses and cracks in plaster joints in connection with suspended ceilings and partition walls
- Prevents thermal bridges
- Secure sealing from capillary effects
- Can be used for joints in the roof area and for shadow gaps

Technical Data

Temperature resistant:	-40 °C to +80 °C
Foam data:	
Colour:	white
Basis weight:	ISO 845 approx. 30 kg/m ³
Tensile strength:	ISO 1926 longitudinal 325 kPa ISO 1926 transverse 220 kPa
Elongation at fracture:	ISO 1926 longitudinal 125 % ISO 1926 transverse 115 %
Compression hardness with 50 % compression:	ISO 844 98 kPa

Article No.	Article Description	QTY
8761 3 30	RO(30M)PLAST. TAPE WHITE 3X30	e 35
8761 3 50	RO(30M)PLAST. TAPE WHITE 3X50	12

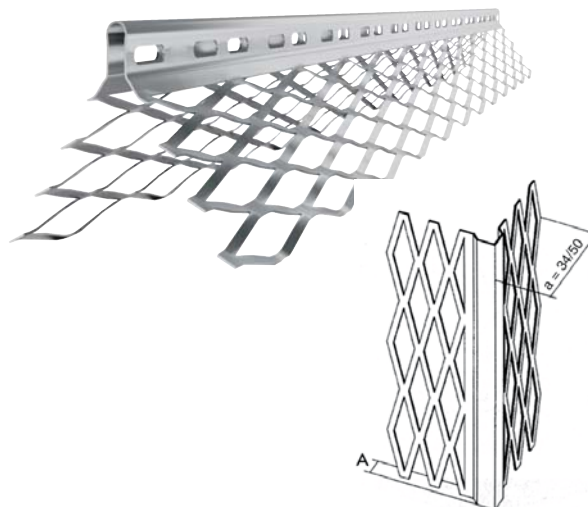
(Roll length × roll width mm)



Innenputz

Plaster Profile Rails

- Material: Sendzimir – galvanised steel sheet
- Side lengths: 34 × 34 mm and 50 × 50 mm
- Angle: 90°
- The construction profile is stretched end-to-end
- Used for interior plastering and provides protection for the stabilisation as well as the exact formation of the edge
- The profile is used at floor level or at door height and according to the plaster thickness is fixed and smoothed out at the edge projection
- Other lengths available on request
- **Plaster thickness A: 10 mm (34 × 34 mm), 15 mm (50 × 50 mm)**

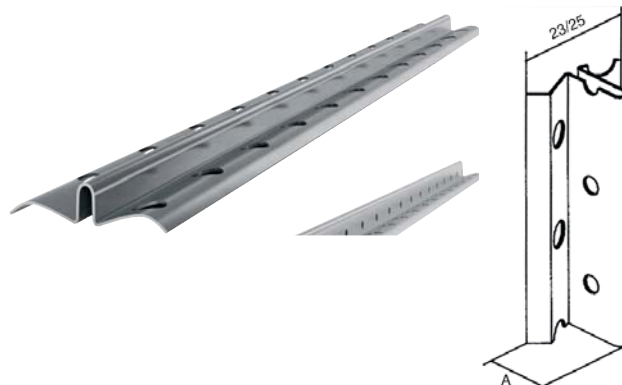


Article No.	Article Description	QTY
8760 34 2500	MTR.PLAST.PROF.RAIL 34X34X2500	62
8760 34 2600	MTR.PLAST.PROF.RAIL 34X34X2600	65
8760 34 3000	MTR.PLAST.PROF.RAIL 34X34X3000	75
8760 50 2500	MTR.PLAST.PROF.RAIL 50X50X2500	37
8760 50 3000	MTR.PLAST.PROF.RAIL 50X50X3000	45

(Side size a × length mm)

Quick Plaster Profiles

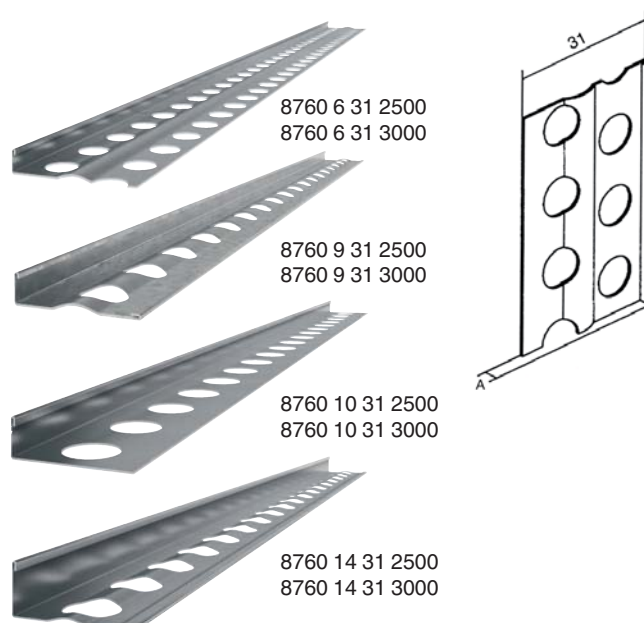
- Material: Sendzimir – galvanised steel sheet
- Used predominantly for interior plaster in order to produce a smooth and level plaster surface, e.g., for tiling
- High stability due to beading on the sides
- Strong plaster gripping due to high proportion of perforations
- Align the profile as required and with a straight edge on the ridge of the quick plaster profile, draw it down and form the thickness of the plaster
- Can also be used in the door and inside edge area



Article No.	Article Description	QTY
8760 6 23 2500	MTR.QUICK PLAST.PRO. 6X23X2500	125
8760 6 23 2600	MTR.QUICK PLAST.PRO. 6X23X2600	130
8760 6 23 3000	MTR.QUICK PLAST.PRO. 6X23X3000	150
8760 10 25 2500	MTR.QUICK PLAST.PRO. 10X25X2500	125
8760 10 25 2600	MTR.QUICK PLAST.PRO. 10X25X2600	130
8760 10 25 3000	MTR.QUICK PLAST.PRO. 10X25X3000	150

Plaster Edge Profiles, Stamped

- Material Sendzimir – galvanised steel sheet
- Used predominantly for interior plaster as a boundary with other building elements within the entire wall surface
- It is possible to form movement joints (profiles are laid against one another in pairs)
- Filled in and fixed vertically according to the plaster thickness (chalk line)
- Pad the movement joint with foam and inject permanently elastic sealant
- Inject completely up to the plaster ridge
- Good anchoring of the plaster due to folded profile edges and high proportion of perforations



Article No.	Article Description	QTY
8760 6 31 2500	MTR.PLAST.EDGE PROF. 6X31X2500	62
8760 6 31 3000	MTR.PLAST.EDGE PROF. 6X31X3000	75
8760 9 31 2500	MTR.PLAST.EDGE PROF. 9X31X2500	62
8760 9 31 3000	MTR.PLAST.EDGE PROF. 9X31X3000	75
8760 10 31 2500	MTR.PLAST.EDGE PROF. 10X31X2500	62
8760 10 31 3000	MTR.PLAST.EDGE PROF. 10X31X3000	75
8760 14 31 2500	MTR.PLAST.EDGE PROF. 14X31X2500	62
8760 14 31 3000	MTR.PLAST.EDGE PROF. 14X31X3000	75

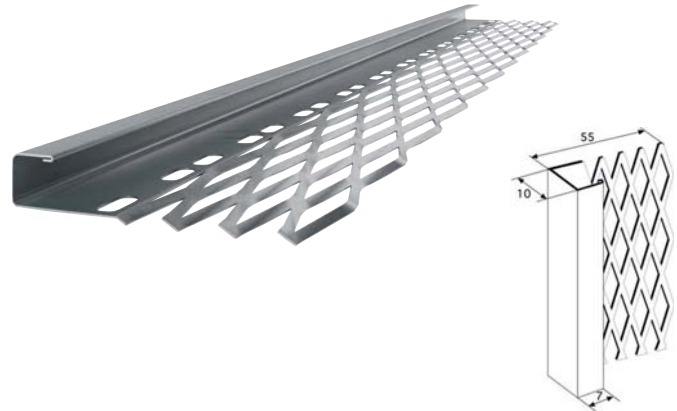
(Plaster thickness A × profile width × length mm)

Plaster Edge Profiles, Expanded

- Material: Sendzimir – galvanised steel sheet
- For a neat plaster finish for plaster thicknesses of 10 mm in indoor areas

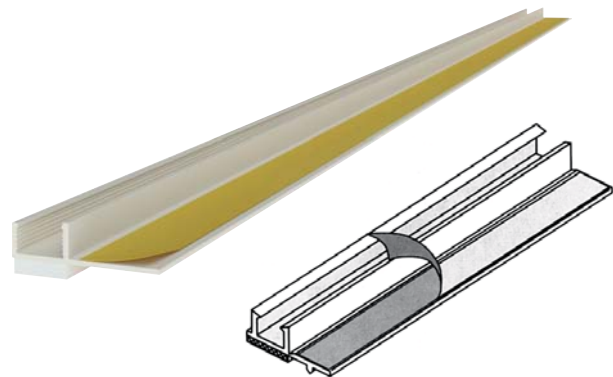
Article No.	Article Description	QTY
8760 10 55 2500	MTR.PLAST.EDGE PROF.10X55X2500	62
8760 10 55 3000	MTR.PLAST.EDGE PROF.10X55X3000	75

(Plaster thickness × side width × length mm)



Plastering Strips

- For windows, doors or similar building parts
- Window/door size up to 2 m² or max. edge length up to 2.5 m
- Material: Plastic with PE tape
- Provide an exact, vertical and flush plaster finish
- Fastened to the window or door frame
- Plaster thickness results from the profile dimensions and mounting on the frame
- Front upturn of the profile serves as a take-off edge
- After the plastering work, the extended protective lug is first gently bent and then evenly pulled off along the predetermined breaking edge parallel to the profile
- The surfaces must be dry and free from dust and grease
- For pre-cleaning, use the established special cleaners for hard PVC, general plastics and aluminium
- Working temperature is between +5 °C and +40 °C
- Do not use below +5 °C as the adhesive strength cannot be ensured in this case!



Article No.	Article Description	QTY
8760 6 1400	MTR.PLAST.STRIP MICRO 6X1400	42
8760 6 2600	MTR.PLAST.STRIP MICRO 6X2600	78
8760 9 1400	MTR.PLAST.STRIP MINI 9X1400	42
8760 9 2600	MTR.PLAST.STRIP MINI 9X2600	78

(Plaster thickness × length mm)

Technical Data	
Art. No.	Applications:
8760 6 1400	Interior plastering
8760 6 2600	Interior plastering
8760 9 1400	Interior and exterior plastering (not ETICS)
8760 9 2600	Interior and exterior plastering (not ETICS)

Plastering Strips with Lip

- Material: Plastic with PE tape
 - Protective lip conceals the PE tape
 - Total plaster build-up: approx. 9 mm
- Applications:**
- Interior and exterior plastering (not ETICS)

Article No.	Article Description	QTY
8760 1 9 2600	MTR.PLAST.S.WITH LIP 9X2600	78

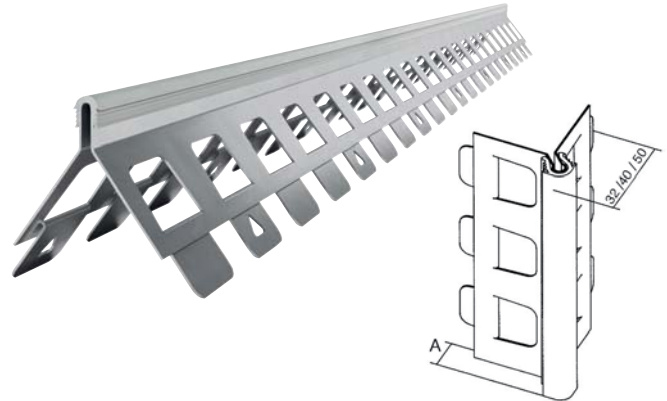
(Plaster thickness × length mm)



Exterior plaster

Exterior Rendering Profiles, Galvanized

- Material: Sendzimir – galvanised steel sheet with visible hard PVC edge
- Applications: Exterior rendering
- Visible PVC edge enables neat plastering and prevents damage to the galvanised surface during finishing

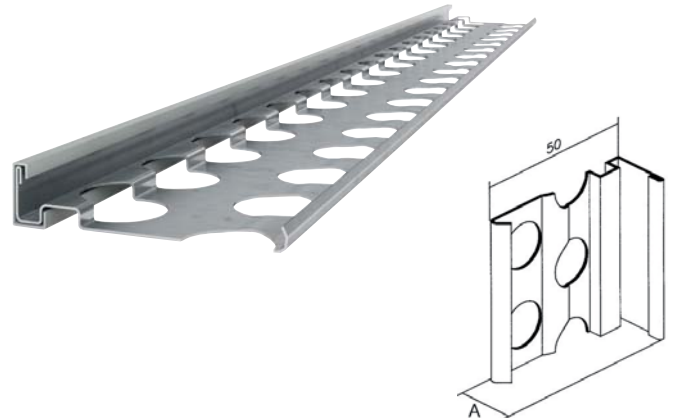


Article No.	Article Description	QTY
8760 8 32 2500	MTR.EXT.PLAST.PR. 8X32X2500	37
8760 8 32 3000	MTR.EXT.PLAST.PR. 8X32X3000	45
8760 10 40 2500	MTR.EXT.PLAST.PR. 10X40X2500	37
8760 10 40 3000	MTR.EXT.PLAST.PR. 10X40X3000	45
8760 15 40 2500	MTR.EXT.PLAST.PR. 15X40X2500	37
8760 15 40 3000	MTR.EXT.PLAST.PR. 15X40X3000	45
8760 2050 25001	MTR.EXT.PLAST.PR. 20X50X2500	37
8760 2050 30001	MTR.EXT.PLAST.PR. 20X50X3000	45

(Plaster thickness A × side length × length mm)

Plaster Edge Profiles, Galvanized

- Material: Sendzimir – galvanised steel sheet with hard PVC edge
- Applications: Exterior rendering
- Clearly visible PVC edge enables neat plastering and prevents damage to the galvanised surface during finishing
- Used for lateral, vertical delimitation of the plaster surface = plaster finish



Article No.	Article Description	QTY
8760 10 50 2500	MTR.PLAST.EDGE EXT.10X50X2500	62
8760 10 50 3000	MTR.PLAST.EDGE EXT.10X50X3000	75
8760 14 50 2500	MTR.PLAST.EDGE EXT.14X50X2500	62
8760 14 50 3000	MTR.PLAST.EDGE EXT.14X50X3000	75

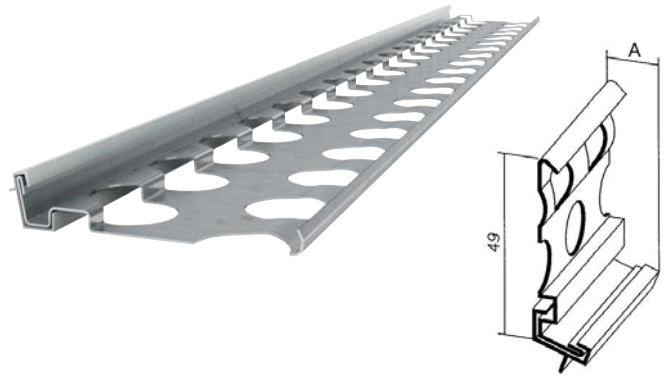
(Plaster thickness A × profile width × length mm)

Base Profile, Galvanised

- Material: Sendzimir – galvanised steel sheet with hard PVC edge with small weather groove
 - Water running down on the façade is diverted
 - Prevents damage to rendering
- Applications: Exterior rendering
- Used as a horizontal termination for rendered surfaces

Article No.	Article Description	QTY
8760 95 49 2500	MTR.BASE PROFIL.GAL.9.5X49X2500	62
8760 95 49 3000	MTR.BASE PROFIL.GAL.9.5X49X3000	75
8760 14 49 2500	MTR.BASE PROFIL.GAL.14X49X2500	62
8760 14 49 3000	MTR.BASE PROFIL.GAL.14X49X3000	75

(Plaster thickn. A x profile width x length mm)



Wire Alignment Bracket, Galvanised

- For forming edges in plaster at the corners of buildings and other openings

Art. No. 8760 1 62 2950:

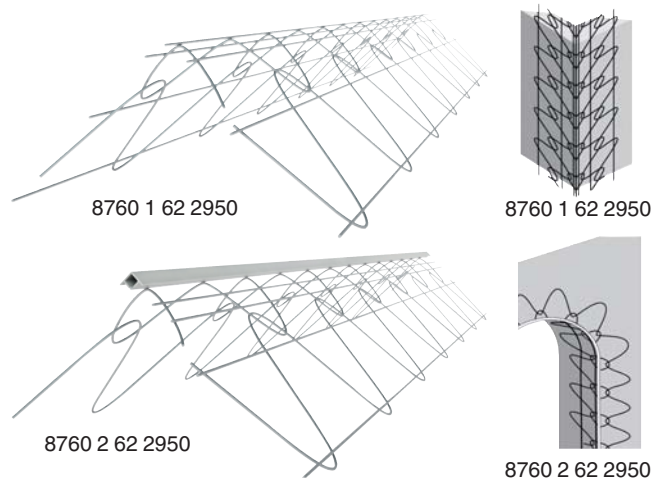
- For corner regions
- Material: galvanised wire

Art. No. 8760 2 62 2950:

- For semi-circular arches with PVC coating
- Material: heavy galvanised wire with PVC edge
- The PVC coating provides a visible edge as a neat plaster finish

Article No.	Article Description	QTY
8760 1 62 2950	MTR.WIRE ALIG.B.GAL.62X62X2950	118
8760 2 62 2950	MTR.WIRE A.GAL.ARCH.62X62X2950	74

(Side size x side length mm)



Thermal insulation composite WDVS

Base Profiles ETICS

For attaching thermal insulation panels

- U-shaped aluminium profile with a drip edge formed at the front – directed rainwater discharge
- Provides a closed system termination and a defined level for fitting insulation panels
- Forms the basis for a precise system implementation without prohibited joints and gaps
- For a flush, neat formation of the lower and, where necessary, the lateral termination
- Also for forming details, e.g., on sloping roofs, as the lower termination on roller shutter lintels

Article No.	Article Description	QTY
8769 30 2500	MTR.ALU BASE PROFILE 30X2500	25
8769 40 2500	MTR.ALU BASE PROFILE 40X2500	25
8769 50 2500	MTR.ALU BASE PROFILE 50X2500	25
8769 60 2500	MTR.ALU BASE PROFILE 60X2500	25
8769 80 2500	MTR.ALU BASE PROFILE 80X2500	25
8769 100 2500	MTR.ALU BASE PROFILE 100X2500	25
8769 120 2500	MTR.ALU BASE PROFILE 120X2500	10
8769 140 2500	MTR.ALU BASE PROFILE 140X2500	10
8769 160 2500	MTR.ALU BASE PROFILE 160X2500	10
8769 180 2500	MTR.ALU BASE PROFILE 180X2500	10
8769 200 2500	MTR.ALU BASE PROFILE 200X2500	10

(Insulation thickness × length mm)

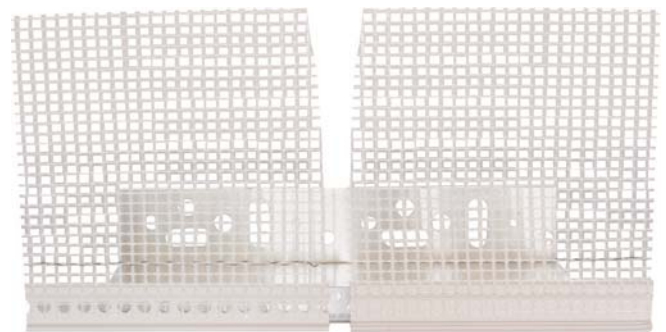


Clip-In Profiles for Base Profiles

- Clip onto the front chamfer of the base profiles
- Take-off edge provides a neat plaster finish in the area of the base profile
- Length: 2 m

Article No.	Article Description	QTY
8769 2 2000	MTR.CLIP-IN PROF.BASE 3MM	50
8769 5 2000	MTR.CLIP-IN PR.BASE 6MM EDGE	50

(Thickness mm)



8769 2 200

8769 5 2000

Base Profile Connector

- In impact-resistant hard PVC
- Ensures an offset-free transition between the base profiles being joined and maintains the gap for linear expansion

Article No.	Article Description	QTY
8769 30	BASE PROFILE CONNECTOR 30MM	100

(Width mm)



Spacers

- In impact-resistant hard PVC
- Compensation for substrate unevenness while fixing the base profiles
- Dimensions: 50 x 50 mm

Article No.	Article Description	QTY
8769 3 1	PVC SPACER 3MM RED	100
8769 5 1	PVC SPACER 5MM YELLOW	100
8769 8 1	PVC SPACER 8MM BLUE	100
8769 10 1	PVC SPACER 10MM BLACK	100
8769 15 1	PVC SPACER 15MM NATURE	100

(Thickness mm)



Base Rail Fitting Kit

- Sufficient for approx. 25 running metres of base rail

Article No.	Article Description	QTY
8769 170	MOUNTING SET FOR BASE PROFILE	1

Contents:

- 75x nail plugs 8 x 80
- 10x base rail connectors
- 50x spacers, 3 mm



PVC Expansion Joint Profiles with Fabric

- Material: PVC with 165 g/m² upgraded thermal insulation fabric and rubber welt
- Application in ETICS
- Absorbs expansion movements between two structural elements

Art. No. 8760 1 35 2500:

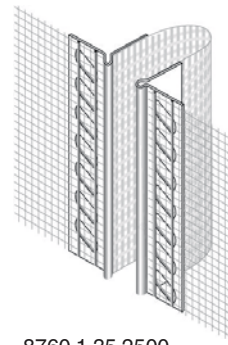
- Type E = level

Art. No. 8760 2 35 2500:

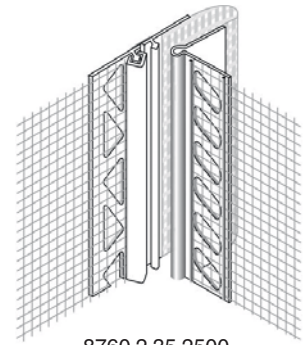
- Type V = offset surfaces

Article No.	Article Description	QTY
8760 1 35 2500	MTR.EXP.JOINT P.TYPE E 35X2500	62
8760 2 35 2500	MTR.EXP.JOINT P.TYPE V 35X2500	62

(Max. joint gap × length mm)



8760 1 35 2500



8760 2 35 2500



8760 1 35 2500



8760 2 35 2500

PVC Drip Edge Profiles with Fabric

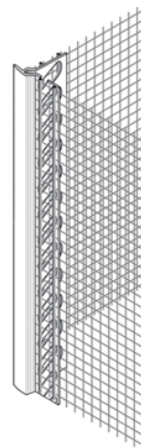
- Material: PVC with 165 g/m² upgraded thermal insulation fabric
- Application in ETICS
- Weather groove diverts water running down on the facade
 - Reduces spots and formation of algae on the render
 - Prevents penetration of moisture in the render

Art. No. 8760 1 34 2000:

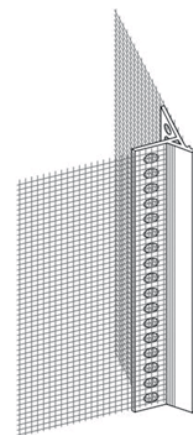
- With concealed edge

Article No.	Article Description	QTY
8760 3 4 2000	MTR.DRIP E.PROFILE FA.3-4X2000	50
8760 1 34 2000	MTR.DRIP E.PROF.FAB.UP3-4X2000	50

(Plaster thickn. × length mm)



8760 3 4 2000



8760 1 34 2000



8760 3 4 2000



8760 1 34 2000

Plastering Strips with Fabric

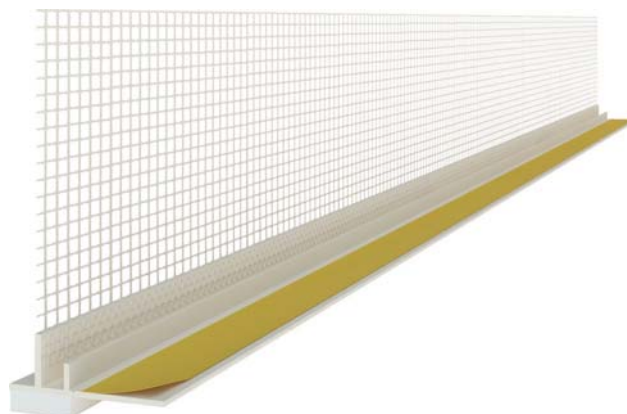
- Material: Plastic with PE tape
- Fabric: 165 g/m² upgraded thermal insulation fabric
- To achieve a neat plaster finish

Applications:

- For ETICS wall connections up to 100 mm insulation thickness and a window / door size up to 2 m² or maximum edge length of 2.5 m
- Plaster thickness: 6 mm (Mikro), 9 mm (Mini) and 15 mm (Maxi)

Article No.	Article Description	QTY
8760 1 6 1400	MTR.PLAST.S.W.FAB.MICRO 6X1400	42
8760 1 6 2600	MTR.PLAST.S.W.FAB.MICRO 6X2600	78
8760 1 9 1400	MTR.PLAST.S.W.FAB.MINI 9X1400	42
8760 1 9 2600	MTR.PLAST.S.W.FAB.MINI 9X2600	78
8760 1 15 2400	MTR.PLAST.S.W.FAB.MAXI 15X2400	72

(Plaster thickness × length mm)



Plastering Strips with Fabric and Lip

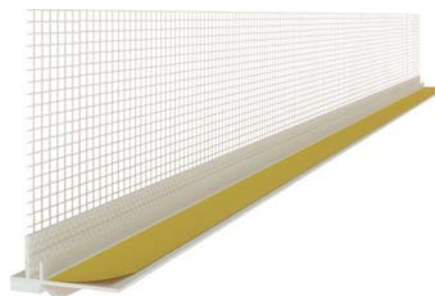
- Protective lip conceals the PE tape
- Plaster thickness: 9 mm

Applications:

- For ETICS wall connections up to 100 mm insulation thickness and a window / door size up to 2 m² or maximum edge length of 2.5 m

Article No.	Article Description	QTY
8760 2 9 1400	MTR.PLAST.S.W.FAB.LIP 9X1400	84
8760 2 9 2600	MTR.PLAST.S.W.FAB.LIP 9X2600	78

(Plaster thickness × length mm)



Telescopic Plastering Strips with Fabric

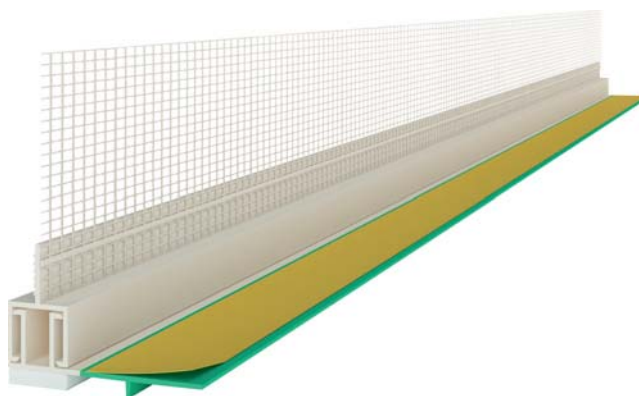
- Material: Hard PVC, window quality, fire class B1
- Fabric: 165 g/m² upgraded thermal insulation fabric
- High movement absorption of 4 mm
- The profile can be moved in two directions, both horizontally and vertically
- The joint area can be used with overlapping
- Plaster thickness: 9 mm

Applications:

- For plaster joints at ETICS windows and doors with very thick wall insulation and deep window soffits or light wedges

Article No.	Article Description	QTY
8760 3 9 1400	MTR.PLAST.S.W.FAB.TELE. 9X1400	35
8760 3 9 2400	MTR.PLAST.S.W.FAB.TELE. 9X2400	60

(Plaster thickness × length mm)

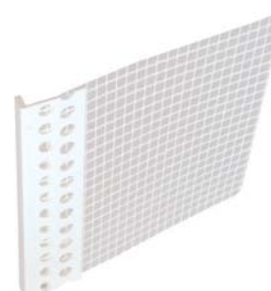


PVC End Profiles with Fabric

- Material: PVC with 165 g/m² upgraded thermal insulation fabric
- Delimitation of plaster surfaces

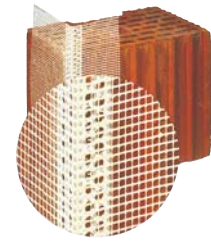
Article No.	Article Description	QTY
8760 3 2000	MTR.EDGE PROF.FAB.MINI3X2000	50
8760 6 2000	MTR.EDGE PROF.FAB.MAXI6X2000	50

(Plaster thickness × length mm)



Corner Angles Made of Full Thermal Insulation Fabric

- Perforated PVC bracket with 165 g/m² full thermal insulation fabric (tested according to ETAG 004)
- Fabric colour: white
- Can be used as corner reinforcement, plaster gauge or impact protection
- For quickly and optimally bridging the corner and edge area

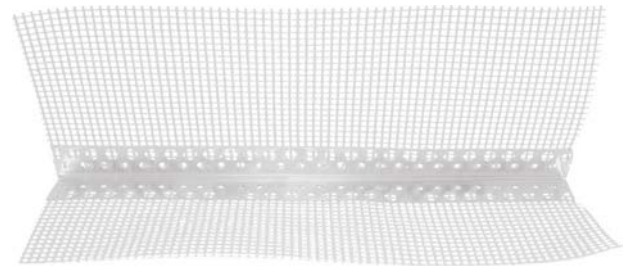


Note:

- An overlap of 10 cm must be maintained for all joints
- Store brackets in a cool and dry place

Fabric Corner Angle with PVC Insert

- Bond with hot melt adhesive (hot melt process)
 - No embrittlement of the bond
- Hard PVC angle, plasticiser-free



Article No.	Article Description	QTY
8767 2 80 120	MTR.ANG-FA.PVC INSE80X120X2500	125
8767 2 100 150	MTR.ANG-FA.PVC INS100X150X2500	125
8767 2 100 230	MTR.ANG-FA.PVC INS100X230X2500	125

(Side size × Side size × length mm)

Fabric Corner Angle with PVC Insert, Take-Off Edge

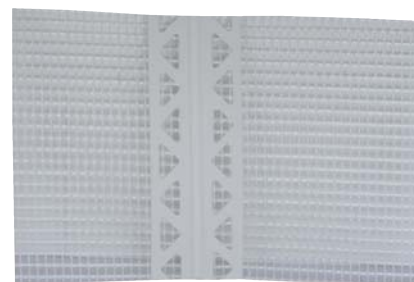
- Hard PVC angle, plasticiser-free
- PVC angle joined to fabric by ultrasound welding
- Angle length: 2 m
- Side size: 125 × 125 mm
- For thin skim plasters with a plaster thickness of 3 mm max.



Article No.	Article Description	QTY
8767 3 125 2000	MTR.ANG-FA.PVC INS.TO.EDGE.3MM	50

Fabric Corner Angle, PVC, Endless

- Stamped PVC angle with 165 g/m² upgraded thermal insulation fabric (tested according to ETAG 004)
- Any angle can be produced, thanks to the flexible centre edge
- Precise cutting from the roll enables waste-free working
- Endless – 50-metre roll in a dispenser box

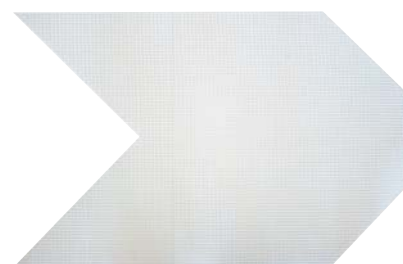


Article No.	Article Description	QTY
8767 2 90 110	MTR.ANG-FA.PVC INSE.RO. 90X110	50

(Side size × Side size)

Fabric Arrow

- Made of 165 g/m² upgraded thermal insulation fabric (tested according to ETAG 004)
- Dimensions (H × W): 330 × 400 mm
- Used as additional reinforcement on building openings (diagonal reinforcement)
- Used in areas with a high risk of cracking (corners)



Article No.	Article Description	QTY
8765 165 33 40	FABRIC ARROW 165G 330 X 400	100

(Height × Width mm)

Reinforcement Glass Fabric

- The FÖRCH reinforcement fabric is a specially equipped, non-slip, alkali-resistant glass-fibre fabric with plastic coating
- Plasticiser-free, frost-proof, weather-resistant and with trimmed edges
- High level of tear resistance and tensile strength
- Flame-retardant B1 or non-combustible A2 according to DIN 4102 in its system design

Application areas:

- Reinforcement fabric for reinforcing surfaces
- Fabric prevents crack formation
- Can also be used to repair cracks in plaster façade surfaces and for the subsequent finishing plaster coat

Note on usage:

- An overlap of 10 cm must be maintained for all joints

Reinforcement Fabric, Ext. Rendering, 140 g/m²

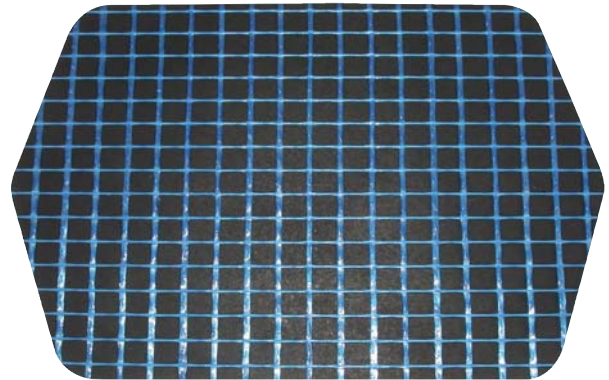
- Colour: blue
- Mesh size: 10 × 10 mm
- Basis weight: 140 g/m²

Art. No. 8765 140 050100 and 8765 140 033100:

- Fabric cut and collected into a 1 m wide roll

Article No.	Article Description	QTY
8765 140 10 100	M2<100>EX.PL.FAB.140G 1.0X100	H 1200
8765 140 10 50	M2<50>EX.PL.FAB.140G 1.0X 50	f 1200
8765 140 050100	M2<100>EX.PL.FAB.140G 0.50X100	H 1200
8765 140 033100	M2<100>EX.PL.FAB.140G 0.33X100	H 1200

(Roll width × roll length m)



Reinforcement Fabric, Int. Plastering, 75 g/m²

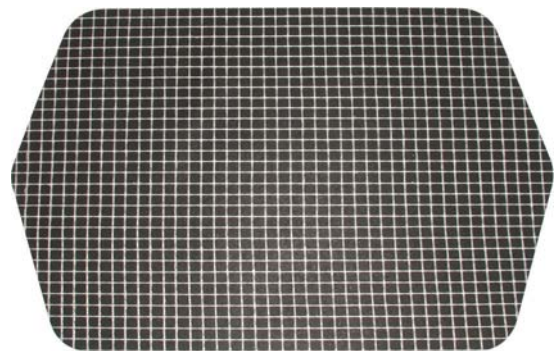
- Colour: white
- Mesh size: 5 × 5 mm
- Basis weight: 75 g/m²

Art. No. 8765 75 050 100 and 8765 75 033 100:

- Fabric cut and collected into a 1 m wide roll

Article No.	Article Description	QTY
8765 75 10 100	M2<100>IN.PL.FAB. 75G 1.0X100	H 2400
8765 75 050 100	M2<100>IN.PL.FAB. 75G 0.50X100	H 2400
8765 75 033 100	M2<100>IN.PL.FAB. 75G 0.33X100	H 2400

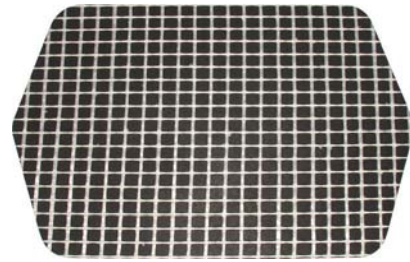
(Roll width × roll length m)



Reinforcement Fabric, Full ThrmI Insul., 210 g/m²

- Colour: white
- Mesh size: 8 × 8 mm
- Basis weight: 210 g/m²
- **Tested in accordance with ETAG 004**
- Especially for mineral insulation
- Roll width: 1 m
- Roll length: 50 m

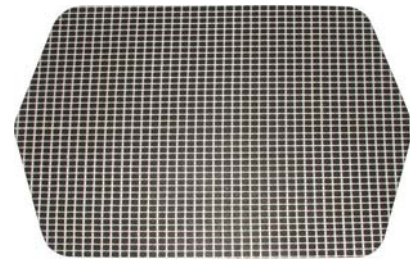
Article No.	Article Description	QTY
8765 210 10 50	M2<50>ANG.FABR.210G 1.0X 50	f 1000



Reinforcement Fabric, Full ThrmI Insul., 165 g/m²

- Colour: white
- Mesh size: 4 × 4 mm
- Basis weight: 165 g/m²
- **Tested in accordance with ETAG 004**
- Roll width: 1 m
- Roll length: 50 m

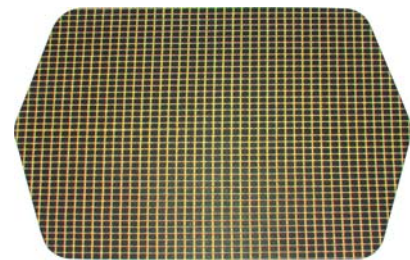
Article No.	Article Description	QTY
8765 165 10 500	M2<50>ANG.FABR.165G	f 1500



Reinf. Fabric, Full ThrmI Insul. 165 g/m² Coloured

- Mesh size: 4 × 4 mm
- Basis weight: 165 g/m²
- **Tested in accordance with ETAG 004**
- Roll width: 1 m
- Roll length: 50 m

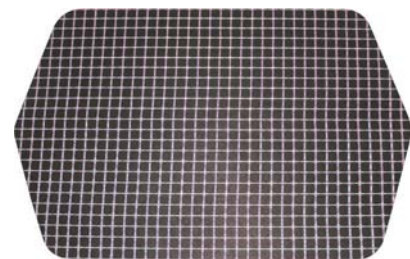
Article No.	Article Description	QTY
8765 165 10 501	M2<50>ANG.FABR.165G YELLOW	f 1500
8765 165 10 502	M2<50>ANG.FABR.165G ORANGE	f 1500
8765 165 10 503	M2<50>ANG.FABR.165G BLUE	f 1500
8765 165 10 505	M2<50>ANG.FABR.165G OLIV	f 1500
8765 165 10 506	M2<50>ANG.FABR.165G RED	f 1500



Filler and Renovation Fabric 145 g/m²

- **For areal repair and renovation of plaster and implementation cracks and the causes of cracks from the immediate primer coat**
- Colour: white
- Mesh size: 4 × 4 mm
- Basis weight: 145 g/m²
- **Tested in accordance with ETAG 004**
- Roll width: 1 m
- Roll length: 50 m

Article No.	Article Description	QTY
8765 145 10 50	M2<50>FILLER FAB.145G 1.0X50	f 1500



Plaster Primer

Water-dilutable, ready-to-use quartz primer for outdoors and indoors

- White, good to work with and efficient special primer for regulating the absorption behaviour of strongly absorbent substrates
- Primer prepares the substrate for subsequent finishing plasters
- Prevents drying out of subsequent mineral or organically based finishing plasters

Usage instructions:

- Apply by painting, rolling or spraying
- Depending on the absorption behaviour, can be diluted up to a proportion of 2 parts primer to 1 part water
- Working temperature: +5 to +30 °C object temperature
- Storage: cool but frost-free
- Drying time: approx. 24 hours
- Coverage: 0.25 kg/m²

Article No.	Article Description	QTY
8769 1 20	KG<20>PLASTER PRIMER	20



Primer for Absorbent Substrates

Priming for plasters

- The primer is a solvent-free, film-forming coating which reduces and compensates for the absorbency of the substrate
- The drying out of subsequently applied plaster is prevented and the formation of shrinkage cracks is restricted

Usage instructions:

- Mixing proportion with water depending on the absorbency of the substrate: 1:3 to 1:8
- The dilution must be set so that a primed surface does not glisten
- With strongly absorbent substrates, dilutions between 1:3 and 1:5 are recommended; for less absorbent materials, dilutions from 1:5 to 1:8
- Storage: frost-free at below +30 °C, protected from incident light and sunlight
- Shelf life: 12 months
- Coverage: approx. 150 ml/m²
- Drying time: depending on weather, 2 – 24 hours
- Clean the working equipment with water immediately after use

Article No.	Article Description	QTY
8769 3 15	LTR<15>PRIMER FOR ABSORB.SUBS.	15



Concrete Contact

- **Bonding course for concrete**
- Betonkontakt is a solvent-free coating for providing adhesion for plasters on concrete
- Reduces the substrate absorbency and hence the evaporation and the formation of shrinkage cracks in the subsequently applied plaster
- Reduces the detrimental reaction between concrete and plaster (ettringite formation)
- For better recognition of already treated surfaces, Betonkontakt has a reddish colour

Usage instructions:

- Substrate must be stable and free from grease, oil and dust. The surface should be air-dried and have no damp spots. Moisture acting at the rear must be excluded
- The Betonkontakt must be dried before plastering
- Clean the working equipment with water immediately after use
- Storage: frost-free at below +30 °C, protect from sunlight and incident light
- Shelf life: 12 months
- Coverage: approx. 0.3 kg/m²

Indoors:

- Dilute Betonkontakt with water at most in a proportion of 2:1; apply with brush, roller or plastering machine

Outdoors:

- Mix Betonkontakt with 20 % (by weight) Portland cement 35F and to achieve a brushable consistency, dilute with a maximum of 50 % water



Article No.	Article Description	QTY
8769 2 20	KG<20>-CONCRETE CONTACT	20

Reinforcing Mortar

- **Dry mortar comprising mineral binding material and aggregates**
- Suitable for bonding full thermal insulation panels and for embedding reinforcing fabric

Usage instructions:

- Bonding: Apply the adhesive and reinforcing mortar to the insulating panel in a point-bead process and place the panel on the substrate in a sliding motion
- Coating/embedding: Apply the adhesive and reinforcing mortar to the insulating panels approx. 2 mm thick and embed the reinforcing fabric while keeping it flat. Then apply a further 2 mm of mortar
- Coverage: Approx. 5 kg/m² (bonding), approx. 5 kg/m² (embedding fabric or coating)
- Avoid drying out too quickly
- Do not process if air or substrate temperatures are below +5 °C or over +30 °C
- Do not process in sunlight or wind that is too strong
- Do not mix with other products
- The surface must be stable, dry and clean
- Storage: Can be stored dry for approx. 6 months
- 1 palette = 1,260 kg

Article No.	Article Description	QTY
8769 4 25 1	KG<30>-REINFORCING MORTAR GREY b 1260	
8769 4 25 2	KG<30>-REINFORCING MORTAR WHITE b 1260	
8769Y 4 25 1	KG<1260>REINF.MORTAR GREY PAL.	1260
8769Y 4 25 2	KG<1260>REINF.MORTA.WHITE PAL.	1260



Bit-Holder 1/4" with Quick-Change Chuck



Art.-No. 4355 1:

- Without magnet, for self-tapping metal screws

Art.-No. 4355 2, 4355 5:

- With magnet

Art.-No. 4355 6:

- BiTorsion for long service life
- kinetic energy from peak loads is dissipated via the drive tip
- suitable for screwing machines with intake according to DIN 3126-F 6,3, ISO 1173
- with retainer ring and magnet

Art.-No. 4355 7:

- dual-torsion spring to buffer extreme impulse peaks
- suitable for impact wrenches
- with retainer ring and magnet to hold long and heavy screws



4355 1, 4355 2



4355 5



4355 6



4355 7

Article No.	Article Description	QTY
4355 1	E6.3-1/4-BIT HOLDER 51MM	1 ü
4355 2	E6.3-1/4-BIT HOLDER MAGN.52MM	1 ü
4355 5	E6.3-1/4 BIT-HOLD.SNOW-WHIT 50	1
4355 6	E6,3-1/4-BIT HOLD.RAPID 75MM	1
4355 7	E6,3-1/4-BIT HOLD.IMPACT.75MM	1

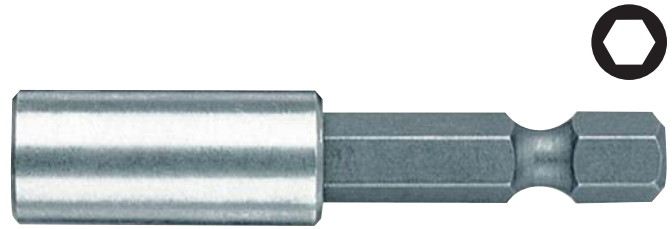
(Intake/ length mm)

Standard-Bit-Holder 1/4"

- with magnet

Article No.	Article Description	QTY
4355 3	E6.3-1/4 BIT MAGNET HOLDER50MM	1 z
4355 4	E6.3-1/4 BIT MAGNET HOLDER74MM	

(Intake/ length mm)



Tool-Intake Shaft for Socket Wrench Insert

- with locking pin for machine operated socket wrench inserts
- with locking ball for manually operated socket wrench inserts

Art. No. 4358 7:

Article No.	Article Description	QTY
4358 1	E6.3-1/4-SQUARE DRIVE 50MM	1 ü
4358 2	E6.3-1/4-SQUARE DRIVE 100MM	1 ü
4358 5	E6.3-3/8-SQUARE DRIVE 50MM	1 ü
4358 7	E6.3-1/4-SQUARE H-DRIVE 50MM	1 z

(Intake/ length in mm)



4358 1, 4358 2, 4358 5



4358 7

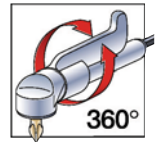
Offset screws set 1/4

- For battery-powered driver or manual driver Art. No. 4379 11
- incl. 10 bits

Technical Data

input / output:	1/4"
length:	140 mm
angle:	105°
max torque:	11 Nm
max speed:	400 1/min

Article No.	Article Description	QTY
5300 1	OFFSET SCREWS SET 1/4"	1

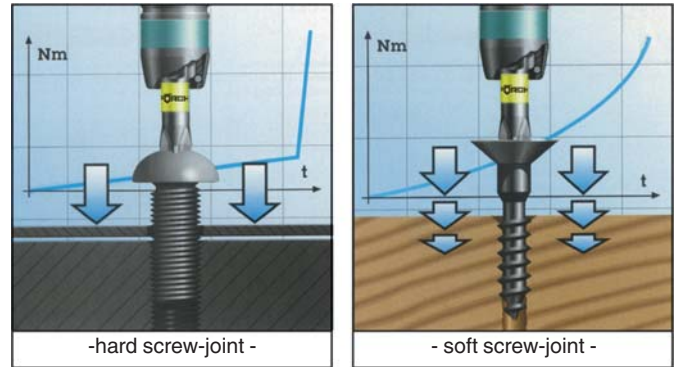


Das FÖRCH Bit-colour coding system



Bit FÖRCH*****

- Bit with „shock-absorber“
- The torsion zone (extended bar) absorbs the power tops while tightening resp. loosening and thus prevents early wastage.
- The considerably higher lifetime as well as the lessened risk of breakage make the Torsion-Bit the top product for the professional user.
- The robust bit is ideally suitable for hard screw cases of metal. Abrupt rise of the torque is reduced by the torsion Zone.
- The extra hard bit is ideally suitable for the screw connection of wood and chipboard. In these „soft screw cases“ the torque continuously rises. An early wastage is prevented due to the high hardness of the bit.
- Robust version for „hard material“



Phillips bit PH 1/4" FÖRCH*****

- Tough design for hard screw-joints

Article No.	Article Description	QTY
4311 5 1	1/4"PH-BIT 25MM SZ.1 YELLOW 5*	e 10
4311 5 2	1/4"PH-BIT 25MM SZ.2 WHITE 5*	e 10
4311 5 3	1/4"PH-BIT 25MM SZ.3 RED 5*	e 10

(Record / length mm/ size mm)



Phillips bit PZ 1/4" FÖRCH*****

- Tough design for hard screw-joints

Article No.	Article Description	QTY
4312 5 1	1/4"PZ-BIT 25MM SZ.1 BLUE 5*	e 10
4312 5 2	1/4"PZ-BIT 25MM SZ.2 BLACK 5*	e 10
4312 5 3	1/4"PZ-BIT 25MM SZ.3 GREEN 5*	e 10

(Record / length mm/ size mm)



TX bit 1/4" FÖRCH*****

- Tough design for hard screw-joints

Article No.	Article Description	QTY
4314 5 10	1/4"BIT 25MM TX10 BLUE 5*	e 10
4314 5 15	1/4"BIT 25MM TX15 YELLOW 5*	e 10
4314 5 20	1/4"BIT 25MM TX20 WHITE 5*	e 10
4314 5 25	1/4"BIT 25MM TX25 BLACK 5*	e 10
4314 5 27	1/4"BIT 25MM TX27 ICEBLUE 5*	e 10
4314 5 30	1/4"BIT 25MM TX30 RED 5*	e 10
4314 5 40	1/4"BIT 25MM TX40 GREY 5*	e 10

(Record / length mm/ size mm)



1/4" Magnetic Bits **VAROBOXX** Mini

- 33 pieces
- Assortment in premium VAROBOXX Mini
- Maintains strong grip both horizontally and vertically
- Magnetic attachment at the front portion of the bit

Contents :

Art. No.	Article Description	Quantity
4337 10 50	1/4"MAGN.BIT TX10 BLUE 50MM	3
4337 15 50	1/4"MAGN.BIT TX15 YELLOW 50MM	3
4337 20 50	1/4"MAGN.BIT TX20 WHITE 50MM	8
4337 25 50	1/4"MAGN.BIT TX25 BLACK 50MM	8
4337 30 50	1/4"MAGN.BIT TX30 RED 50MM	8
4337 40 50	1/4"MAGN.BIT TX40 GREY 50MM	3
9002 1	VAROBOXX MINI EMPTY	1



Article No.	Article Description	QTY
9002 4337 1	VAROBOXX MINI 1/4"MAGNET. BITS	1

Bit-Safe with Holder and Ratchet 1/4" **FÖRCH*******

- 31-piece bit set with filigree, very small and robust Bit-Ratchet
- Solves problems when standard tools can not be applied due to space reasons
- Enables easy workings in tight spaces
- Small returning angle of 6° for precise working
- Low working height
- Due to adaption a use of 1/4" nuts is possible
- Die-forged solid steel design
- High load of more than 65 Nm

Article No.	Article Description	QTY
4319 9	1/4"BI-SAFE+HOLD.RAT.31PCS.5*	1
4319 11	1/4"BIT-SAFE+HOL+RATCH.38P.5*	1

Contents Art. No. 4319 9:

- 1x Art. No. 4355 22: Universal quick-change holder with magnet 1/4" – E 6.3
- 1x Art. No. 4401 14 8585: Bit ratch 1/4"
- 1x Bit adapter 1/4"
- 2x PH 1 / 3x PH 2 / 1x PH 3
- 1x PZ 1 / 3x PZ 2 / 1x PZ 3
- each 1x TX10/ 15/20/25/30/40
- each 1x TX10/ 15/20/25/30 with hole drilling
- each 1x Allen key 3/4/5/6/8
- 1x LS 1,0x5,5

Contents Art. No. 4319 11:

- 1x Art. No. 4355 2: Universal quick-change holder 1/4" – E 6.3
- 1x Art. No. 4401 14 85: Bit ratchet 1/4"
- 1x Bit adapter 1/4"
- 2x PH 1 / 3x PH 2 / 1x PH 3
- 1x PZ 1 / 3x PZ 2 / 1x PZ 3
- each 1x TX10/ 15/20/25/ 27 / 40
- each 1x TX10/ 15/20/25/30 with hole drilling
- each 1x Allen key 3/4/5/6/8
- 1x LS 1,0x5,5
- each 1x 1/4" wrench socket FÖRCH 5*, 23 mm SW 5.5/6/7/8/10/12/13



4319 9



4319 11

Bit-Safe with Holder 1/4" 30-Piece

- Universal equipment for all fields of application
- Magnet bit holder guarantees quick bit change
- Storing with foldable Bit-Check-holder with practical belt-clip

Article No.	Article Description	QTY
4319 8	1/4"BIT-SAFE W.HOLDER 5*30-PCS	1

Contents:

- 1x Magnet bit holder 1/4"
- 1x TX bit TX10 Art.-No. 4303 10
- 1x TX bit TX15 Art.-No. 4303 15
- 1x TX bit TX20 Art.-No. 4303 20
- 1x TX bit TX25 Art.-No. 4303 25
- 1x TX bit TX30 Art.-No. 4303 30
- 1x TX bit TX40 Art.-No. 4303 40
- 2x Cross recess bit PZ1 Art.-No. 4302 1
- 4x Cross recess bit PZ2 Art.-No. 4302 2
- 2x Cross recess bit PZ3 Art.-No. 4302 3
- 1x Cross recess bit PH1 Art.-No. 4301 1
- 1x Cross recess bit PH2 Art.-No. 4301 2
- 1x Cross recess bit PH3 Art.-No. 4301 3
- 1x Slotted bit LS4.0 Art.-No. 4300 4
- 1x Slotted bit LS5.5 Art.-No. 4300 55
- 1x Slotted bit LS6.5 Art.-No. 4300 7



1/4" Bit-Safe Tool Check Automotive, 38-pce

- Socket wrench for hand- or battery-operated screwing in with inserts (not for use with impact wrenches)
- Bit-holder rapid adapter for quick change of inserts
- 1/4" solid steel ratchet
- Small returning angle of 6° for precise work
- Bit-holder in release head, resulting in reduced tool assembly
- Optimal for use in small spaces
- Ratchet load of over 65 Nm
- Rapid turning due to knurling on release head

Article No.	Article Description	QTY
4319 12	1/4"BIT-SAFE TC AUTOM.38TLG.5*	1

Contents 4319 12:

- 1x Art.-No. 4401 14 85: Bit ratchet 1/4"
- 1x Art.-No. 4355 5: Universal quick-change holder with magnet 1/4"
- 1x Art.-No. 4361 14 64 50: adapter 1/4" hex - 1/4" square 25mm
- 1x PH 2/1 x PH 3
- each 1x TX 10 / 15 / 20 / 25 / 30 / 40
- each 1x TX 10 / 15 / 20 / 25 / 30 with head hole drilling
- 1x LS 1.0 x 5.5
- each 1x Allen key 3 / 4 / 5 / 6 / 8
- each 1x XZN 4 / 5 / 8
- each 2x XZN 6
- each 1x TX 20 / 25 / 27 / 30
- each 1x socket wrench insert FÖRCH 5*, 23 mm SW 5.5 / 6 / 7 / 8 / 10 / 12 / 13



Nail Plug with Countersunk Head

- Drive PZ 2
- Pre-assembled
- 100% nylon/polyamide -Rot-proof, resistant against concrete silicid acid -Best possible pull-out values, resistant against chemical influences



Article No.	Dimension		Article No.	Qty
8020 5 30	5 x 30	W		
8020 5 35	5 x 35	W		
8020 5 50	5 x 50	W		
8020 6 35	6 x 35	W	8020P 6 35	1000
8020 6 40	6 x 40	W	8020P 6 40	1000
8020 6 60	6 x 60	W	8020P 6 60	1000
8020 6 80	6 x 80	W	8020P 6 80	1000
8020 8 60	8 x 60	H		
8020 8 80	8 x 80	H		
8020 8 100	8 x 100	H		
8020 8 120	8 x 120	f		
8020 8 140	8 x 140	f		
8020 8 160	8 x 160	f		

Technical Data		*Recommended load in kN
Min. anch. depth mm	Max. useful length mm	Concrete*
20	10	0,20
25	15	0,15
25	30	0,15
35	10	0,15
30	15	0,25
30	35	0,25
30	45	0,25
40	20	0,35
40	40	0,35
40	60	0,35
40	80	0,35
40	100	0,35
40	120	0,35

Nail Plug with Flat Head

- Drive PZ 2
- Pre-assembled
- 100% nylon/polyamide, rot-proof, resistant against concrete silicid acid - Best possible pull-out values, resistant against chemical influences
- Type with flat/cylinder head, plane abut for profile and channel fixture and this way highest fixing safety



Article No.	Article Description	QTY
8021 5 30	NAIL PLUG PZ FLAT HEAD 5X30	200
8021 5 50	NAIL PLUG PZ FLAT HEAD 5X50	200
8021 6 40	NAIL PLUG PZ FLAT HEAD 6X40	200
8021 6 60	NAIL PLUG PZ FLAT HEAD 6X60	200
8021 6 80	NAIL PLUG PZ FLAT HEAD 6X80	200
8021 8 60	NAIL PLUG PZ FLAT HEAD 8X60	100
8021 8 80	NAIL PLUG PZ FLAT HEAD 8X80	100
8021 8 100	NAIL PLUG PZ FLAT HEAD 8X100	100
8021 8 120	NAIL PLUG PZ FLAT HEAD 8X120	50

Technical Data		*Recommended load in kN
Min. anch. depth mm	Max. useful length mm	Concrete*
25	10	0,15
25	30	0,15
30	15	0,25
30	35	0,25
30	45	0,25
40	20	0,35
40	40	0,35
40	60	0,35
40	80	0,35

ETA zinc-plated mushroom head nail plug

- Plastic nail plug made of nylon with ETA approval
- Zinc-plated steel nail
- Quick and inexpensive assembly
- Pre-assembled
- Resistant to UV rays and rot
- Can be loosened with a PZ screwdriver in the head of the screw
- Integrated hammer-in stop prevents premature spreading



Article No.	Article Description	QTY
8025 6 40 1	NAIL PLUG MUSHR.HEAD ETA 6X40	200
8025 6 60 1	NAIL PLUG MUSHR.HEAD ETA 6X60	200

Technical Data			
Bore diameter mm	Dowel length mm	Clamping thickness mm max.	permissible loads In kN concrete C20/25 and C50/60
6	40	11	0.3
6	60	30	0.3

A2 countersunk head nail plug

- Plastic nail plug made of nylon
- A2 stainless steel nail
- Quick and inexpensive assembly
- Pre-assembled
- Resistant to UV rays and rot
- Can be loosened with a PZ screwdriver in the head of the screw
- Integrated hammer-in stop prevents premature spreading



Article No.	Article Description	QTY
8017 6 60	SK-NAGELDÜBEL A2 PZ 6X 60	100
8017 8 60	CS-NAIL PLUG A2 PZ 8X 60	100
8017 8 80	CS-NAIL PLUG A2 PZ 8X 80	100
8017 8 100	CS-NAIL PLUG A2 PZ 8X100	100

Technical Data			
Bore diameter mm	Dowel length mm	Clamping thickness mm max.	permissible loads In kN concrete C20/25 and C50/60
6	60	30	0.3
8	60	20	0.5
8	80	40	0.5
8	100	60	0.5

Nail Plug-Countersunk Threaded Head

- Metric thread
- Pre-assembled, screw blue galvanized
- 100% nylon/polyamide, rot-proof, resistant against concrete silicid acid
- Best possible pull-out values, resistant against chemical influences



Article No.	Article Description	QTY
8022 6 40 6	CSK NAIL PLUG M6 6X40	200
8022 8 60 8	CSK NAIL PLUG M8 8X60	100

Technical Data		*Recommended load in kN
Min. anch. depth mm	Thread	Concrete*
40	M6	0,25
60	M8	0,35

Nail Plug with Flat Head Multi

- Drive PZ2
 - Pre-assembled, screw blue galvanized
- Application:**
- For all kinds of substructures
 - To be driven into concrete and brick, to be firmly screwed in difficult substructures, such as gypsum plasterboards, hollow bricks and gas concrete
 - Particularly appropriate for electrical installation and interior work



Article No.	Article Description	QTY
8022 5 30	NAIL PLUG MULTI FL.HEAD 5X30MM	200
8022 6 40	NAIL PLUG MULTI FL.HEAD 6X40MM	200

Technical Data		*Recommended load in kN			
Min. anch. depth mm	Useful assembly length max. mm	Con-crete*	Hol-low brick*	Gyp-sum plast.*	Gas con-crete*
25	5	0,15	0,07	0,07	0,13
30	10	0,25	0,10	0,10	0,14

Express Nails

- Hardened spring steel
 - High tensile and heavy-duty load
 - High safety
- Galvanized and yellow chromated
 - Double corrosion protection
- The rapid and safe fixture of steel sheet profiles, lath substructures, frames, window fixtures and other objects to be firmly mounted on any solid materials



Article No.	Article Description	QTY
8023 6 30	EXPR. NAILS YELLOW GAL. 6X 30	100
8023 6 60	EXPR. NAILS YELLOW GAL. 6X 60	100
8023 6 80	EXPR. NAILS YELLOW GAL. 6X 80	100
8023 8 70	EXPR. NAILS YELLOW GAL. 8X 70	100
8023 8 90	EXPR. NAILS YELLOW GAL. 8X 90	100
8023 8 110	EXPR. NAILS YELLOW GAL. 8X110	100
8023 8 130	EXPR. NAILS YELLOW GAL. 8X130	100
8023 8 150	EXPR. NAILS YELLOW GAL. 8X150	100
8023 8 180	EXPR. NAILS YELLOW GAL. 8X180	100

Technical Data		*Recommended load in kN		
Min. anch. depth mm	Max. usef. length	Concr.*	Solid brick*	Chalky sandstone*
28	2	0,70	0,50	0,60
30	30	0,70	0,50	0,60
30	50	0,70	0,50	0,60
40	30	1,00	0,80	0,90
40	50	1,00	0,80	0,90
40	70	1,00	0,80	0,90
40	90	1,00	0,80	0,90
40	110	1,00	0,80	0,90
40	140	1,00	0,80	0,90

Steel Nails Countersunk Head

- Hardened with austempering method - hard, tough and shatter-proof
- Ribbed - higher retention security than flat steel nails
- Galvanised steel - corrosion protection
- No pre-drilling and no searching for joints necessary - efficient
- Ideal for universal securing work e.g. stone, concrete, masonry, framework, hardwood etc.

Article No.	Article Description	QTY
8875 35 35	CS-STEEL NAIL RIBB.GALV.3.5X35	1000
8875 35 45	CS-STEEL NAIL RIBB.GALV.3.5X45	500
8875 45 50	CS-STEEL NAIL RIBB.GALV.4.0X50	500
8875 35 55	CS-STEEL NAIL RIBB.GALV.3.5X55	500
8875 45 60	CS-STEEL NAIL RIBB.GALV.4.5X60	400
8875 35 65	CS-STEEL NAIL RIBB.GALV.3.5X65	250
8875 45 70	CS-STEEL NAIL RIBB.GALV.4.5X70	250
8875 45 80	CS-STEEL NAIL RIBB.GALV.4.5X80	250
8875 45 90	CS-STEEL NAIL RIBB.GALV.4.5X90	250
8875 45 100	CS-STEEL NAIL RIBB.GALV.4.5X100	250

(Ø x length in mm)



Steel Nail with Washer

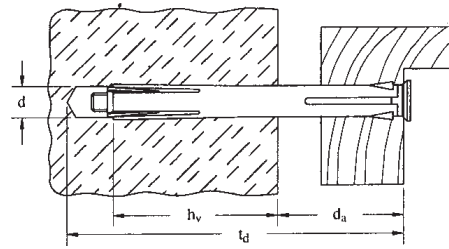
- Ideal for the fixation of sheets, panels, insulation material, wall claddings etc.
- Washer Ø 15 mm

Article No.	Article Description	QTY
8876 35 25	ST.NAIL/WASH.RIBB.GALV.3.5X25	250
8876 35 30	ST.NAIL/WASH.RIBB.GALV.3.5X30	250
8876 35 35	ST.NAIL/WASH.RIBB.GALV.3.5X35	250
8876 35 40	ST.NAIL/WASH.RIBB.GALV.3.5X40	250
8876 35 50	ST.NAIL/WASH.RIBB.GALV.3.5X50	250
8876 35 60	ST.NAIL/WASH.RIBB.GALV.3.5X60	250
8876 35 70	ST.NAIL/WASH.RIBB.GALV.3.5X70	250
8876 35 80	ST.NAIL/WASH.RIBB.GALV.3.5X80	250



Frame Anchor Metal with Countersunk Head Screw PZ

- With PZ 3 drive
- Screw head Ø 13 mm, with captive cone
- Rapid, stable frame mounting without stresses and without back filling or splitting with a wedge
- Exact distance mounting of window and door frames made of wood, plastic material light metal or steel
- Exact radial tensioning of the metal bushes
- Special stud avoids that the cone rotates simultaneously
- Material:- Screw: steel, yellow chromated - Cone: steel diecast, yellow chromated- Bush: steel, aluminum-zinc coated
- Appropriate for concrete, solid bricks, solid sand-lime bricks, vertically perforated bricks, perforated sand-lime bricks, hollow blocks, solid pumice, gas concrete, natural stone, etc.
- Min. anchoring depth 30 mm (refer to hv)



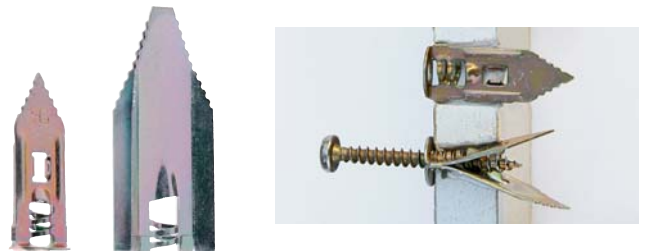
Article No.	Article Description	QTY
8040 10 72	CS PZ3 METAL FR.ANCH. 10X 72	100
8040 10 92	CS PZ3 METAL FR.ANCH. 10X 92	100
8040 10 112	CS PZ3 METAL FR.ANCH. 10X112	100
8040 10 132	CS PZ3 METAL FR.ANCH. 10X132	100
8040 10 152	CS PZ3 METAL FR.ANCH. 10X152	100
8040 10 182	CS PZ3 METAL FR.ANCH. 10X182	100
8040 10 202	CS PZ3 METAL FR.ANCH. 10X202	100

Technical Data			Recomm.loads in KN				Recomm.cross-loads in KN	
Art.-No.	min. drill hole-depth;push-through install. mm	max. usable-length mm	Concrete and solid brick	Vertic.perfor.- brick	Sand-lime brick perfor.stone	Aerated concrete	Concrete, sol.brick Vertic.perfor.brick Sand-lime brick	Aerated-concrete
8040 10 72	90	42	0,6	0,5	0,3	0,1	0,4	0,25
8040 10 92	110	62	0,6	0,5	0,3	0,1	0,4	0,25
8040 10 112	130	82	0,6	0,5	0,3	0,1	0,4	0,25
8040 10 132	150	102	0,6	0,5	0,3	0,1	0,4	0,25
8040 10 152	170	122	0,6	0,5	0,3	0,1	0,4	0,25
8040 10 182	200	152	0,6	0,5	0,3	0,1	0,4	0,25
8040 10 202	215	172	0,6	0,5	0,3	0,1	0,4	0,25

Plasterboard Fasteners

- For mounting electrical equipment on plasterboard and Heraklith panels
- Even when screwing in the fastener, the dowel remains firmly anchored in the building material
- Quick and easy mounting
- Galvanized spring steel
- Temperature range: -10 °C to +85 °C
- Colour: light grey

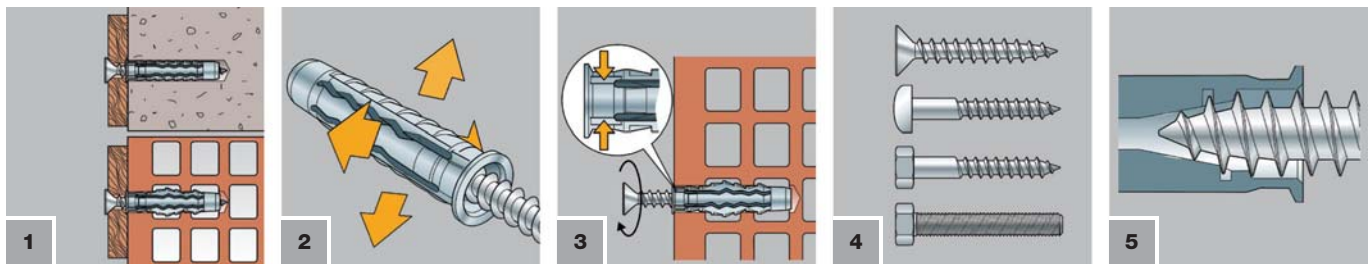
Technical Data		
Art.-No.	Screw- Ø	Length mm
8104 30	3.5 - 4.5	30
8104 43	3.5 - 4.5	43



Article No.	Article Description	QTY
8104 30	PLASTERBOARD FASTENERS 30MM	100
8104 43	PLASTERBOARD FASTENERS 43MM	100

Universal Plug GX Premium

- Innovative multipurpose/multi plug made of nylon of premium quality
- Quadruple expansion guarantees highest retaining values (pictures 1+2) in concrete and all brickwork materials
- A flexible plug flange avoids slipping in deep bore holes; however, if necessary it allows penetration (safety and push-through assembly, picture 3)
- Applicable for all existing types of screws such as wood screws, chipboard screws, tapping screws as well as screws with metric thread (picture 4)
- Screw-in centering ensures the expansion function (picture 5)



Article No.	Dimension		Article No.	Qty
8108 5	5x25mm	HF	8108P 5	1000
8108 6	6x30mm	HF	8108P 6	1000
8108 8	8x40mm	HW	8108P 8	500
8108 10	10x50mm	fH	8108P 10	250
8108 12	12x60mm	gf	8108P 12	200
8108 14	14x70mm	w	8108P 14	100

Technical Data		Recommended load in kN			
Designation	Screw Ø mm	Concrete	Solid bricks	Vertically perfor. bricks	Lightw. concrete
GX 5	3.0 – 4.0	1.20	1.00	0,80	0.30
GX 6	4.0 – 5.0	1.80	1.00	0,80	0.40
GX 8	4.5 – 6.0	2.50	2.00	1,50	0.90
GX 10	6.0 – 8.0	8.00	4.00	3,00	1.10
GX 12	8.0 – 10.0	12.00	4.60	3,30	1.30
GX 14	10.0 – 12.0	24.00	5.10	3,60	2.00

Universal Plug GX Premium Packed in System Box

- Several small packs per dimension, sorted in a high-quality system plastic case

Article No.	Article Description	QTY
8108S 5	SB<40.0>UNI.PLUG PREMIUM GX 5	1
8108S 6	SB<40.0>UNI.PLUG PREMIUM GX 6	1
8108S 8	SB<16.0>UNI.PLUG PREMIUM GX 8	1
8108S 10	SB<8.0>UNI.PLUG PREMIUM GX 10	1
8108S 12	SB<5.0>UNI.PLUG PREMIUM GX 12	1
8108S 14	SB<3.2>UNI.PLUG PREMIUM GX 14	1

Contents:

- Art. No. 8108S 5: 40 packaging unit à 100 pieces
- Art. No. 8108S 6: 40 packaging unit à 100 pieces
- Art. No. 8108S 8: 16 packaging unit à 100 pieces
- Art. No. 8108S 10: 16 packaging unit à 50 pieces
- Art. No. 8108S 12: 20 packaging unit à 25 pieces
- Art. No. 8108S 14: 16 packaging unit à 20 pieces



System Box Empty

- Dimensions LxWxH: 40 x 30 x 22 mm

Article No.	Article Description	QTY
9027 403022	SYSTEM BOX - SMALL PARTS	1



Scaffolding Screws

To fix:

- Scaffolds, tensioning ropes, chains for trellis, safety harnesses, etc.

Suitable for:

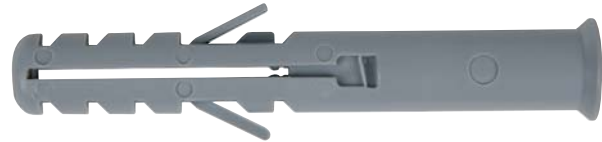
- Concrete, natural stones, solid bricks, hollow blocks, lightweight concrete, wood (without plugs), etc.
- Eyebolt Ø 23 mm

Article No.	Article Description	QTY
8090 12 90	SCAFF. EYEBOLT ZINC PL. 12X 90	20
8090 12 120	SCAFF. EYEBOLT ZINC PL. 12X120	20
8090 12 160	SCAFF. EYEBOLT ZINC PL. 12X160	20
8090 12 190	SCAFF. EYEBOLT ZINC PL. 12X190	10
8090 12 230	SCAFF. EYEBOLT ZINC PL. 12X230	20
8090 12 300	SCAFF. EYEBOLT ZINC PL. 12X300	25
8090 12 350	SCAFF. EYEBOLT ZINC PL. 12X350	25

(Shaft dimensions Ø mm x L mm)



Scaffolding Plug Nylon



Article No.	Article Description	QTY
8091 14 70	SCAFFOLDING PLUG NYLON 14X70	20
8091 14 100	SCAFFOLDING PLUG NYLON 14X100	20
8091 14 135	SCAFFOLDING PLUG NYLON 14X135	20
8091 14 185	SCAFFOLDING PLUG NYLON 14X185	20

(Drill bit Ø mm/plug length mm)

Technical Data			
Min. drill hole depth for push-through mounting mm	Min. depth of anchoring mm	Max. useful length mm	Min. slide-in depth mm
80	70	-	75
110	70	30	105
145	70	65	140
195	70	110	190

Cover Caps for Drill Holes

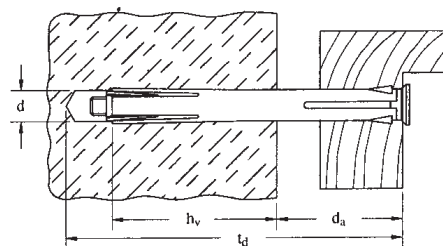
- Avoids the penetration of humidity
- Slightly cracked drill holes are well-covered
- For multiple use of a drill hole or plug the cap can be easily disassembled using a screwdriver

Article No.	Article Description	QTY
8092 1	COVER CAPS 12X40 WHITE	100
8092 2	COVER CAPS 12X40 GREY	100



Frame Anchor Metal with Countersunk Head Screw PZ

- With PZ 3 drive
- Screw head Ø 13 mm, with captive cone
- Rapid, stable frame mounting without stresses and without back filling or splitting with a wedge
- Exact distance mounting of window and door frames made of wood, plastic material light metal or steel
- Exact radial tensioning of the metal bushes
- Special stud avoids that the cone rotates simultaneously
- Material:- Screw: steel, yellow chromated - Cone: steel diecast, yellow chromated- Bush: steel, aluminum-zinc coated
- Appropriate for concrete, solid bricks, solid sand-lime bricks, vertically perforated bricks, perforated sand-lime bricks, hollow blocks, solid pumice, gas concrete, natural stone, etc.
- Min. anchoring depth 30 mm (refer to hv)



Article No.	Article Description	QTY
8040 10 72	CS PZ3 METAL FR.ANCH. 10X 72	100
8040 10 92	CS PZ3 METAL FR.ANCH. 10X 92	100
8040 10 112	CS PZ3 METAL FR.ANCH. 10X112	100
8040 10 132	CS PZ3 METAL FR.ANCH. 10X132	100
8040 10 152	CS PZ3 METAL FR.ANCH. 10X152	100
8040 10 182	CS PZ3 METAL FR.ANCH. 10X182	100
8040 10 202	CS PZ3 METAL FR.ANCH. 10X202	100

Technical Data			Recomm.loads in KN				Recomm.cross-loads in KN	
Art.-No.	min. drill hole-depth;push-through install. mm	max. usable-length mm	Concrete and solid brick	Vertic.perfor.- brick	Sand-lime brick perfor.stone	Aerated concrete	Concrete, sol.brick	Aerated-Vertic.perfor.brick Sand-lime brick
8040 10 72	90	42	0,6	0,5	0,3	0,1	0,4	0,25
8040 10 92	110	62	0,6	0,5	0,3	0,1	0,4	0,25
8040 10 112	130	82	0,6	0,5	0,3	0,1	0,4	0,25
8040 10 132	150	102	0,6	0,5	0,3	0,1	0,4	0,25
8040 10 152	170	122	0,6	0,5	0,3	0,1	0,4	0,25
8040 10 182	200	152	0,6	0,5	0,3	0,1	0,4	0,25
8040 10 202	215	172	0,6	0,5	0,3	0,1	0,4	0,25

Plasterboard Fasteners

- For mounting electrical equipment on plasterboard and Heraklith panels
- Even when screwing in the fastener, the dowel remains firmly anchored in the building material
- Quick and easy mounting
- Galvanized spring steel
- Temperature range: -10 °C to +85 °C
- Colour: light grey

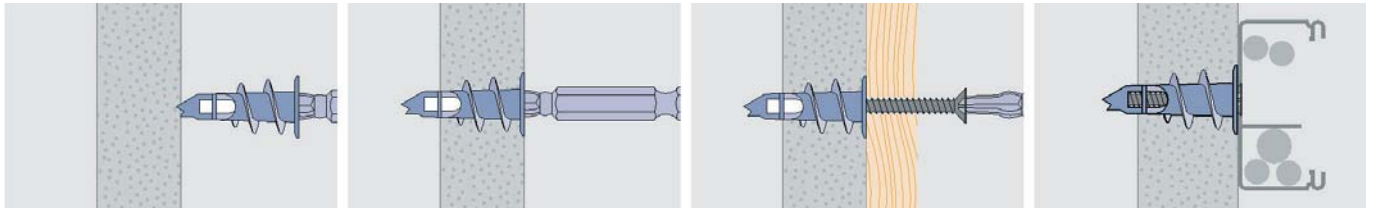
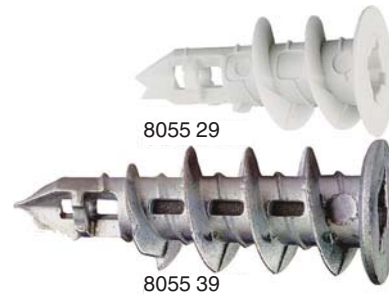
Technical Data		
Art.-No.	Screw- Ø	Length mm
8104 30	3.5 - 4.5	30
8104 43	3.5 - 4.5	43



Article No.	Article Description	QTY
8104 30	PLASTERBOARD FASTENERS 30MM	100
8104 43	PLASTERBOARD FASTENERS 43MM	100

Plasterboard Plug

- Perfect for plasterboard and lightweight construction boards such as lightweight concrete and gypsum – for gypsum pre-drill 8 mm
- Centered plug drill bit – precise marking
- Special structure of the interior threads – wooden screws of 3.9 - 4.5 as well as threaded screws M 4 can be universally screwed in
- Delivery including appropriate screw-in tool in HP



Article No.	Dimension		Article No.	Qty
8055 29	25	R	8055P 29	750
8055 39	39	HR	8055P 39	500

(mm)

Technical Data		*Recommended loads in kN	
Screw mm	Material	Gypsum plasterboards*	Lightweight concrete*
4,0 - 4,5 / M4	Metal	0,10	0,10
4,0 - 4,5 / M4	Plastic material	0,09	-

Duo-Bit for Plasterboard Plugs

- Drive 1/4" hexagon E 6.3
- Duo-Bit for type 29 + 39
- Screwing in the plug and a screw with PZ/PH 2 drive

Article No.	Article Description	QTY
8055 39 1	DUO-BIT F.PLASTERBOARD PLUG	e 10



Board Anchor

- To mount light-weighted structural components into gypsum plasterboards and chipboards
- For chipboard screws 3.5 mm, minimum screw length 50 mm
- Appropriate for electricians, interior work
- Clamping width plate thickness max. 2 x 12.5 mm

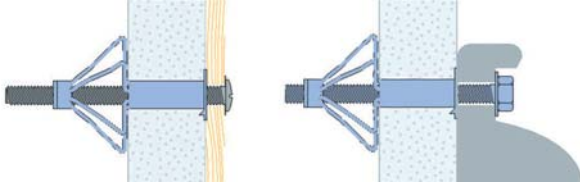


Article No.	Dimension		Article No.	Qty
8104 10 47	10X47	H	8104P 10 47	250

Technical Data		*Recommended loads in kN			
Screw Ø mm	Concrete*	Solid brick*	Vertic. perfor. brick*	Perfor. sand-lime brick*	Gypsum plasterboard*
4,0 - 5,0	0,30	2,00	0,10	0,20	0,08

Hollow Plug Metal

- To fix component parts of medium weight on gypsum plasterboards or other board materials
- Appropriate for electricians, heat, air conditioning and sanitary installers, drywall installation and interior work
- Screws pre-mounted
- Efficient, easy expanding process by using tongs



Article No.	Article Description	QTY
8145 4 38	LK-PH2 METAL HOLLOW PLUG 4X38	100
8145 4 45	LK-PH2 METAL HOLLOW PLUG 4X45	100
8145 4 52	LK-PH2 METAL HOLLOW PLUG 4x52	100
8145 5 52	LK-PH2 METAL HOLLOW PLUG 5X52	100
8145 5 65	LK-PH2 METAL HOLLOW PLUG 5X65	100
8145 5 80	LK-PH2 METAL HOLLOW PLUG 5x80	100
8145 6 52	LK-PH2 METAL HOLLOW PLUG 6X52	100
8145 6 65	LK-PH2 METAL HOLLOW PLUG 6X65	100
8145 6 80	LK-PH2 METAL HOLLOW PLUG 6x80	100
8145 8 53	LK-PH2 METAL HOLLOW PLUG 8X53	100
8145 8 66	LK-PH2 METAL HOLLOW PLUG 8X66	100
8145 8 81	LK-PH2 METAL HOLLOW PLUG 8x81	100

Drive	Clamp. thic kn. plate thic kn. mm	Drill-Ø mm	*Recommended loads in kN		
			Plaster board*	Wooden board*	Cement fibre board*
PH 2	8 - 16	8	0,15	0,20	0,35
PH 2	18 - 24	8	0,15	0,20	0,35
PH 2	32 - 38	8	0,18	0,25	0,40
PH 2	3 - 16	10	0,18	0,25	0,40
PH 2	14 - 32	10	0,18	0,25	0,40
PH 2	32 - 45	10	0,20	0,28	0,42
PH 2	3 - 16	12	0,20	0,28	0,42
PH 2	14 - 32	12	0,20	0,28	0,42
PH 2	32 - 45	12	0,20	0,30	0,45
PH 2	3 - 16	13	0,20	0,30	0,45
PH 2	16 - 32	13	0,20	0,30	0,45
PH 2	32 - 45	13	0,20	0,30	0,45

Mounting Tongs for Hollow Plugs Made of Metal

Article No.	Article Description	QTY
8145 1	M. TO. F. H. PL. M.-OF ME. M4-M6	1
8145 2	MOUNT. PLIERS F. HOLL. PLUG M4-M8	1

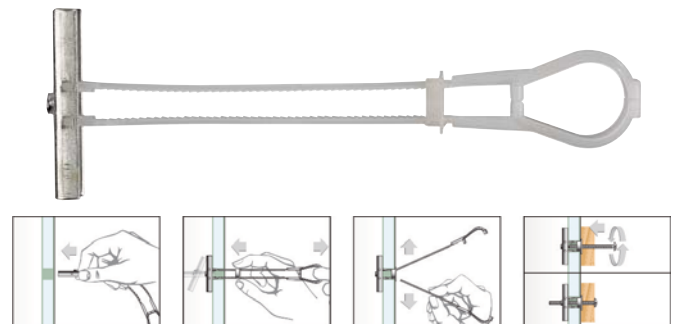


Hollow cavity dowel universal

- Universally usable for plate thicknesses from 10 – 70 mm
- Excellent holding properties
- Immediately usable, no waiting
- Quick and easy handling
- No special setting tool required

Suitable building materials:

- Sandwich-type plaster boards, chipboards, perforated bricks with large chambers, hollow chamber ceilings etc.



Article No.	Article Description	QTY
8146 5	HOLLOW CAV.DOW.UNIVERSAL M5	25
8146 6	HOLLOW CAV.DOW.UNIVERSAL M6	25
8146 8	HOLLOW CAV.DOW.UNIVERSAL M8	25

Screw Ø mm	Bore Ø mm	*Recommended loads in kN			
		9.5mm Sandw-type plast.board	12.5mm Sandw-type plast.board	16.0mm Sandw-type plast.board	19.0mm Sandw-type plast.board
5	13	0.10	0.20	0.20	0.20
6	13	0.20	0.20	0.20	0.20
8	19	0.20	0.20	0.20	0.20

Spring Toggle Fixing with Knurled Nut

- Suitable for: plasterboards, gypsum fibreboards, chipboards, cement fibreboards, wood wool slabs, hardboards, hollow tile ceilings, reinforced block floor, hollow brick ceilings, trapezoidal sheet metal, etc.
- To fix: racks, switches, wall units, curtain rails, cable ducts, boilers, wardrobes, etc.



Article No.	Article Description	QTY
8060 3 85	SPR.TOG.FIX.W.MS-MU.M3X85	100
8060 4 95	SPR.TOG.FIX.W.MS-MU.M4X95	50

Technical Data		*Recommended loads in kN			
Drilling Ø mm	Thread M x length mm	Plaster-board*	Wooden board*	Cement fiber plate*	Breaking forces*
11	3 x 85	0.16*	0.30*	0.33	1.00
15	4 x 95	0.20*	0.35*	0.57	2.00

Spring Toggle Fixing with Disk

- Appropriate for: plasterboards, gypsum fibreboards, chipboards, cement fibreboards, wood wool slabs, hardboards, hollow tile ceilings, reinforced block floor, hollow brick ceilings, trapezoidal sheet metal, etc.
- To fix: racks, switches, wall units, curtain rails, cable ducts, boilers, wardrobes, etc.



Article No.	Article Description	QTY
8061 4 95	SP.TOG.FIX.W.NUT A.WA.M4X95	50

Technical Data		*Recommended loads in kN			
Drilling Ø mm	Thread M x length mm	Plaster-board*	Wooden board*	Cement fiber plate*	Breaking forces*
15	4 x 95	0.16*	0.3*	0.33	2.00

Spring Toggle Fixing with Hook and Disk

Appropriate for:

- plasterboards, gypsum fibreboards, chipboards, cement fibreboards, wood wool slabs, hardboards, hollow tile ceilings, reinforced block floor, hollow brick ceilings, trapezoidal sheet metal, etc.

To fix:

- lamps, hanging baskets, etc.



Article No.	Article Description	QTY
8062 3 85	SPR.TOGG.FIXING W.HOOK M3X90	100
8062 4 95	SPR.TOGG.FIXING W.HOOK M4X95	50

Technical Data		*Recommended loads in kN			
Drilling Ø mm	Thread M x length mm	Plaster-board*	Wooden board*	Cement fiber plate*	Breaking forces*
11	3 x 85	0.16	0.30	0.33*	0.10**
15	4 x 95	0.20	0.35	0.57*	0.40**

* Indicated values depending on the building material

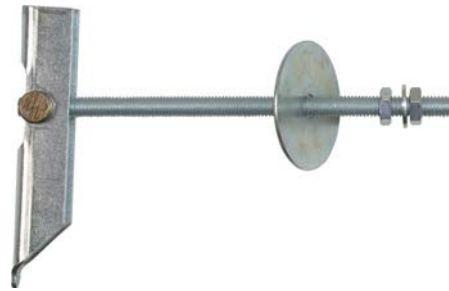
** Hooks are bending up

Breaking forces:

Threaded rod breaking or failure of the tipping element (the load-bearing capacity of the ceiling or of the wall is not considered)

Toggle Fixing with Disk

- Appropriate for: plasterboards, gypsum fibreboards, chipboards, cement fibreboards, wood wool slabs, hardboards, hollow tile ceilings, reinforced block floor, hollow brick ceilings, trapezoidal sheet metal, etc.
- To fix: lamps, racks, switches, wall units, curtain rails, rack rails, cable ducts, boilers, wardrobes, etc.



Article No.	Article Description	QTY
8065 5 100	TOGG.FIX. W.NUT A.WASH. M5X100	25

Technical Data			*Recommended loads in kN		
Drilling Ø	Thread	Plaster-board*	Wooden board*	Cement fiber plate*	Breaking forces*
14 mm	M 5 x 100	0.23*	0.40*	0.65*	3.00

Toggle Fixing with Hook

- Appropriate for: plasterboards, gypsum fibreboards, chipboards, cement fibreboards, wood wool slabs, hardboards, hollow tile ceilings, reinforced block floor, hollow brick ceilings, trapezoidal sheet metal, etc.
- To fix: lamps, hanging baskets, etc.



Article No.	Article Description	QTY
8066 5 100	TOGGLE FIXING W.HOOK M5X100	25

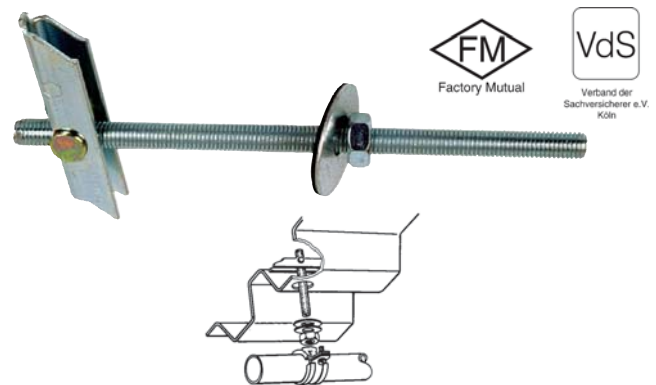
Technical Data			*Recommended loads in kN		
Drilling Ø	Thread	Plaster-board*	Wooden board*	Cement fiber plate*	Breaking forces*
14 mm	M 5 x 100	0.23*	0.40*	0.65*	0.60**

Toggle Bolt for Trapezoidal Steel Sheets

- Pre-mounted including turnout-protected threaded rod, Hypalen sealing disk, U-washer and hexagon nut – rapidly and economic
- FM-tested and approved by the VdS No G 4890027 – approved for tube fixture up to Ø 50 according to VdS provisions as well as of air conditioning channels, illumination rails, mounting rails, holding traverses, etc. – tested and guaranteed safety
- Turnable threaded rod – each fixing point can be leveled individually; it is possible to create any incline
- Galvanized – corrosion-protected

Load value:

- Max. point load on trapezoidal sheet metals / tubes and other fixtures: 800 N / 1000 N
- Breaking load value plug: 20 kN
- It is recommended to apply each 4th or 5th fixture at a statically highly loadable position



Article No.	Article Description	QTY
8067 8 100	TOGG.FIX. F.TRAP. SH. M. 8X100	50
8067 8 200	TOGG.FIX. F.TRAP. SH. M. 8X200	25
8067 8 300	TOGG. FIX. F.TRAP. SH. M.8X300	25
8067 10 100	TOGG. FIX. F.TRAP. SH.M.10X100	25

Technical Data	
Drilling Ø	Thread M x length mm
22 mm	8 x 100
22 mm	8 x 200
22 mm	8 x 300
25 mm	10 x 100

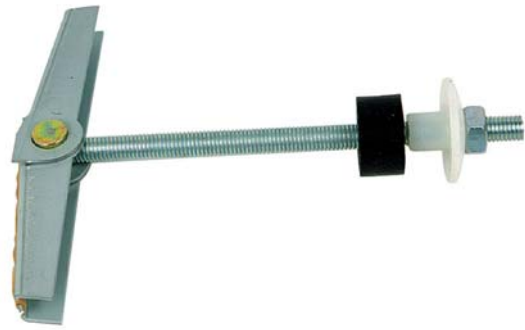
* Indicated values depending on the building material

** Hooks are bending up

Breaking forces: Threaded rod breaking or failure of the tipping element (the load-bearing capacity of the ceiling or of the wall is not considered)

Spring Toggle Fixing for Washstand Attachment

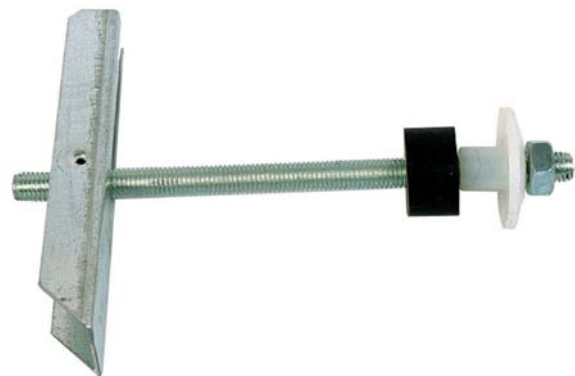
- Pre-mounted with turnout-protected threaded rod, rubber plug to fill the drilling hole and to center the threaded rod, nylon collar bushing and hexagon nut M10
- Large bearing surface – perfect wash stand fixing, in particular in smooth materials with little compressive strength such as gas concrete, plasterboard or similar materials
- Galvanized – corrosion-protected
- Drilling hole Ø: 30 mm
- Required cavity depth: 90 mm
- Max. wall and ceiling thickness: 140 mm incl. fixing object



Article No.	Article Description	QTY
8063 10 180	SPR.TOGG.FIX.WASH ST. 10X180	25

Spring Toggle Fixings for Washstand Attachment

- Pre-mounted with turnout-protected threaded rod, rubber plug to fill the drilling hole and to center the threaded rod, nylon collar bushing and hexagon nut M10
- Large bearing surface – perfect wash stand fixing, in particular in smooth materials with little compressive strength such as gas concrete, plasterboard or similar materials
- Galvanized – corrosion-protected
- Drilling hole Ø: 30 mm
- Required cavity depth: 145 mm
- Max. wall and ceiling thickness: 140 mm incl. fixing object
- Bearing surface: 30 cm²



Article No.	Article Description	QTY
8068 10 180	TOGG.FIXING F.WASH ST. 10X180	25

Spike Grid Metal

- Applicable in poroton, perforated brick tiles, pumice and lightweight concrete
- Particularly designed for light-weight assemblies
- Drive in the plug into gas concrete without pre-drilling
- For hanger bolts, wooden boards, chipboards and drywall screws, etc.
- Complies with the technical guidelines for gas installations (TRGI) in relation with hanger bolts



Article No.	Dimension		Article No.	Qty
8155 6	6X32	H	8155P 6	1000
8155 8	8X38	H	8155P 8	500
8155 8 60	8X60	H	8155P 8 60	250
8155 10	10 X 60	H	8155P 10	200

Technical Data	*Recommended loads in kN		
	Concrete B25*	Light-weight concrete*	Vertically perforated brick*
Screws Ø mm			
5 - 6	0,30	0,12	0,15
6 - 8	0,44	0,18	0,22
6 - 8	0,76	0,35	0,38
8 - 10	0,86	0,42	0,43

Expansion Anchor Brass

- Applicable in concrete, solid bricks, natural stone, clinker, sand-lime bricks, solid wood and composite lumber
- With metric interior thread
- High retaining values, turn-proof and slip-proof



Article No.	Article Description	QTY
8050 5	BRASS EXPANSION ANCHOR M 5	100
8050 6	BRASS EXPANSION ANCHOR M 6	100
8050 8	BRASS EXPANSION ANCHOR M 8	100
8050 10	BRASS EXPANSION ANCHOR M10	100
8050 12	BRASS EXPANSION ANCHOR M12	50
8050 16	BRASS EXPANSION ANCHOR M16	25

Technical Data			*Recommended loads in kN	
Screws M	Drilling Ø mm	min. drilling hole depth mm	Concrete B25*	Solid brick*
5	7,0	30	0,30	0,26
6	8,0	30	0,40	0,36
8	10,0	40	0,8	0,63
10	12,0	45	1,00	0,9
12	15,0	50	1,22	1,1
16	22,0	60	3,90	2,35

Nail Anchor MND, Galvanized Steel

- Ideal for universal, rapid, rational and secure impact installation of laths, metal profiles, squared timber, wood constructions, chains, ropes, perforated tapes, wood wool - lightweight construction panels (for roof insulation with e.g. washer and insulation board disks metal Art. No. 8083 80) and other rail systems
- For the use in dry rooms
- Full metal design - Fire resistance class F 30-F 120
- Designed load in uncracked and cracked concrete C20/25 – C50/60 of 0.7 kN for multiple fixings
- Pre-spreads when plugging in - holding of workpiece not required
- Drilling diameter 6 mm and min. installation depth 30 mm



Article No.	Article Description	QTY
8256 6 50	NAIL ANCHOR MND 6/50 GALVAN.	100

Technical Data		*Permissible loads in kN
Anchor length	Effective length	Concrete*
mm	mm	
50	10	0.7

Nail Anchor MND with Washer, Galvanized Steel

- Ideal for universal, rapid, rational and secure impact installation of laths, metal profiles, squared timber, wood constructions, wire hangers, chains, ropes, perforated tapes, wood wool - lightweight construction panels (for roof insulation with insulation board disks metal Art. No. 8083 80) and other rail systems
- For the use in dry rooms
- Full metal design
 - Fire resistance class F 30-F 120
- Designed load in uncracked and cracked concrete C20/25 – C50/60 of 1.0 kN for multiple fixings
- Pre-spreads when plugging in - holding of workpiece not required
- Drilling diameter 6 mm and min. installation depth 32 mm
 - Large surface covering head with washer
 - High tear strength and clean covering



Article No.	Article Description	QTY
8257 6 45	NAIL ANCHOR MND 6/45 WASHER GA	100

Technical Data			*Permissible loads in kN
Anchor length	Effective length	Washer-Ø	Concrete*
mm	mm	mm	
45	5	16	1.0

Nail anchor N-K, galvanised steel

- European Technical Approval for multiple attachments in cracked concrete
- Quick and easy installation: Only needs to be hammered in
- Reduced anchoring depth of only 25 mm for less drilling effort
- Very small edge distances and axial spacings
- Permissible load up to 2.14 kN
- All metal design
- With Ø 13 mm nail head
- For use in dry interiors

Application:

- Ceiling suspensions, piping, panels, cable channels, etc.



8254 05



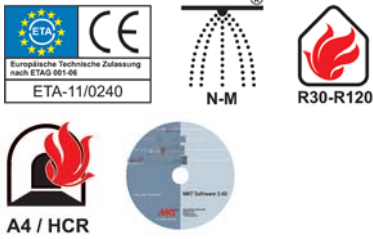
8254 55

Article No.	Article Description	QTY
8254 05	NAIL ANCHOR N-K 6 X 0-5/39	200
8254 35	NAIL ANCHOR N-K 6X30-35/69	200
8254 55	NAIL ANCHOR N-K 6X50-55/89	100

Technical Data		*zulässige Lasten in kN
Anchor length	Clamping thickness	Concrete
mm	mm	
39	5	2.4
69	35	2.4
89	55	2.4

Nail anchor N-M 6-25 M8/M10 glavanised steel

- Nail anchor N-M with stepped thread M8 and M10
- M8 and M10 threaded rods can be used with the aid of a dowel
- Anchoring depth 25 mm
- Load range: 0,71 kN - 2,14



Your Advantage / Benefit

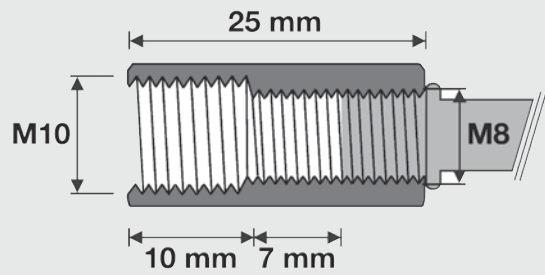
- European technical approval for multiple use in non-structural applications for cracked concrete
- Quick, easy assembly: just hammer in
- Reduced anchoring depth of only 25 mm mean less drilling
- Very short centre and edge distances
- Permitted load up to 2.14 kN
- Just one product for two applications: M8/M10 stepped

Application

- Suspended ceilings, pipelines, cladding, cable trays



Dimensions threaded socket N-M:



Working length:



Article No.	Article Description	QTY
8254 6 25	NAIL ANCHOR N-M 6-25/ M8/M10	100

Soft Fibreboard Fastener DämmFix / DämmFix Slim

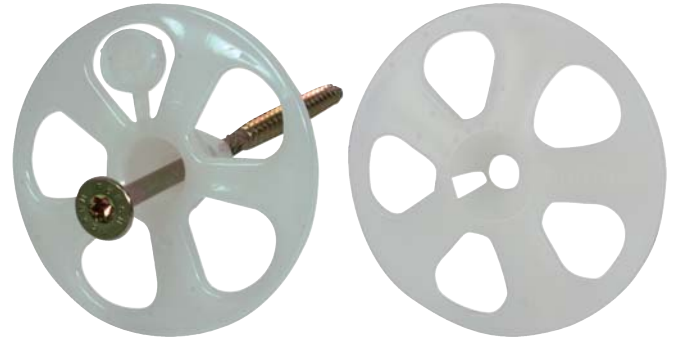
- Special retainer for fastening wood fibre insulating panels (e.g., Pavatex, Steico, Gutex etc.)
- Retainer-Ø: 60 mm
- Prerequisite is stable background panelling
- Developed for and tailored to the FÖRCH timber construction screw AGR 1618 6 ...
- Prevents thermal bridges by decoupling the individual fastening parts

DämmFix 60 mm:

- For fastening **soft** wood fibre insulating panels
- With bushing and cover cap for the screw

DämmFix Slim 60 mm:

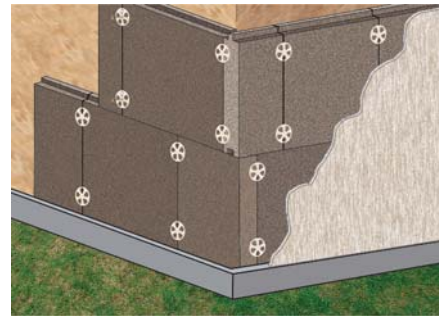
- For fastening **harder** wood fibre insulating panels
- Extra flat version with no cover cap for the screw



8087 60

8087 60 1

Article No.	Article Description	QTY
8087 60	DÄMMFIX 60MM	200
8087 60 1	DÄMMFIX SLIM 60MM	300



Insulation Plugs ETICS

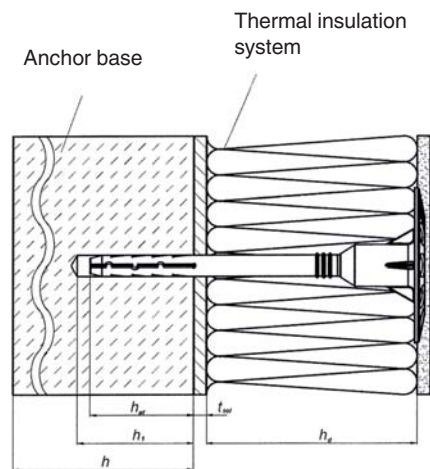
- Impact anchor to fix external thermal insulation composite systems with rendering in concrete and brickwork
- With reduced installation depth of 35 mm
- With European technical approval ETA-07/0336
- The plug must only be used as multi-fixture for the anchoring of glued external thermal insulation composite systems (ETICS) according to ETAG 004 in concrete and brickwork.
- Appropriate for concrete and brickwork
- The used ETICS is not subject of this general technical approval



Technical Data			
Art.-No.	Plug Ø length mm	Disc-Ø mm	Insulation material thickness mm
8086 8 95	8 x 95	60	60
8086 8 115	8 x 115	60	80
8086 8 135	8 x 135	60	100
8086 8 155	8 x 155	60	120
8086 8 175	8 x 175	60	140
8086 8 195	8 x 195	60	160
8086 8 215	8 x 215	60	180
8086 8 235	8 x 235	60	200
8086 8 255	8 x 255	60	220
8086 8 275	8 x 275	60	240



Article No.	Article Description	QTY
8086 8 95	INSULATION PLUGS ETICS 8 X 95	200
8086 8 115	INSULATION PLUGS ETICS 8 X 115	200
8086 8 135	INSULATION PLUGS ETICS 8 X 135	200
8086 8 155	INSULATION PLUGS ETICS 8 X 155	200
8086 8 175	INSULATION PLUGS ETICS 8 X 175	200
8086 8 195	INSULATION PLUGS ETICS 8 X 195	200
8086 8 215	INSULATION PLUGS ETICS 8 X 215	100
8086 8 235	INSULATION PLUGS ETICS 8 X 235	100
8086 8 255	INSULATION PLUGS ETICS 8 X 255	100
8086 8 275	INSULATION PLUGS ETICS 8 X 275	100



Characteristic Tensile Strength N_{RK} kN each PlugTyp TFIX-8M

Anchoring base	Tube density class (kg/dm ³)	Min.resistance to pressure β (N/mm ²)	Notes	Chraacteristic Tensile Strength N_{RK}
Concrete C 12/15			EN 206-1	1.5 kN
Concrete C 20/25			EN 206-1	1.5 kN
Concrete C 50/60			EN 206-1	1.5 kN
Brick e.g. according to DIN 105, Mz	≥ 2.0 kg/dm ³	12 N/mm ²	Cross section up to 15% reduced by vertical perforation with regard to the bearing surface	1.5 kN
Solid sand-lime brick e.g. acc. to DIN 106, KS	≥ 1.8 kg/dm ³	12 N/mm ²	Cross section up to 15% reduced by vertical perforation with regard to the bearing surface	1.5 kN
Solid sand-lime brick e.g. according to DIN 106, KSL	≥ 1.6 kg/dm ³	12 N/mm ²	Cross section up to 15% reduced by vertical perforation with regard to the bearing surface, thickness of the outer strap ≥ 20 mm	0.9 kN
Vertically perforated brick e.g. acc. to DIN 106, KS	≥ 1.0 kg/dm ³	12 N/mm ²	Cross section more than 15% and less than 50% reduced by perforation (2) EN 206-1	0.6 kN
Lightweight concrete DIN 18152, Vbl	≥ 0.7 kg/dm ³	4 N/mm ²	Ratio of the handle holes to the bearing surface up to 10%, maximum size of the holes: 110 x 45 mm	0.5 kN
Lightweight concrete DIN 18151, Hbl	≥ 0.9 kg/dm ³	2 N/mm ²	According to annex 6 (3)	0.5 kN

Corresponding partial safety factor $\gamma_M: 2,0^9)$

1 Thickness of the outer strap ≥ 14 mm 2 Thickness of the outer strap ≥ 35 mm 3 To be used in the absence of national regulations

Insulation Plugs made of Plastic Material

- Pre-mounted with plastic expansion nail
- For building heights up to 8 meters in order to fix polystyrene
- To fix smooth and pressure-resistant insulation boards
- On bricks, lightweight concrete, lightweight and solid bricks, etc.
- High-quality, impact-proof plastic material – high retaining values
- For stuccoers, plasterers, painters and facade constructor
- Minimum depth of the anchorage: 50 mm



Article No.	Article Description	QTY
8084 90	INS.PL. M.- OF PLASTIC MAT. 90	250
8084 120	INS. PL. M.-OF PLAST. MAT. 120	250
8084 140	INS. PL. M.-OF PLAST.MAT. 140	250
8084 160	INS. PL. M.-OF PLAST. MAT. 160	250
8084 180	INS. PL. M.-OF PLAST. MAT. 180	250
8084 200	INS.PL.M.-OF PLASTIC MAT 200	250
8084 220	INS.PL.M.-OF PLASTIC MAT 220	250

Technical Data			*Recommended loads in kN		
Plug-Ø mm	Disk-Ø mm	Insulat.-material mm	Concr.	Vertic. perf.bricks	Solid-brick
10 x 90	50	55	0,18	0,12	0,14
10 x 120	60	85	0,18	0,12	0,14
10 x 140	60	105	0,18	0,12	0,14
10 x 160	60	125	0,18	0,12	0,14
10 x 180	60	145	0,18	0,12	0,14
10 x 200	60	165	0,18	0,12	0,14
10 x 220	60	185	0,18	0,12	0,14

Insulating Board Fixation Metal

- Increased corrosion protection due to aluminium-zinc layer
- All-metal execution, fire-resistance time F120 acc. to the General Test Certificate No. P-3444/7404-MPA BS
- For fastening of smooth and pressure-resistant insulation boards onto concrete and other solid underground
- For stuccoers, plasterers, painters and facade constructors
- Head Ø 35 mm, can be increased with the insulation panel disk out of metal to 80 mm
- Diameter of bore hole: 8 mm



Article No.	Article Description	QTY
8082 30	INSUL. BOARD FIXATION METAL 30	250
8082 60	INSUL. BOARD FIXATION METAL 60	250
8082 90	INSUL. BOARD FIXATION METAL 90	250
8082 170	INSUL.BOARD FIX.MET. TID-S 170	250
8082 200	INSUL.BOARD FIX.MET. TID-S 200	250
8082 250	INSUL.BOARD FIX.MET. TID-S 250	200

Technical Data				*Recommended loads in kN	
dimen-sion mm	min. setting depth mm	min. drill hole depth mm	max. thicken. of insulat. material	Con-crete	Sand-lime brick
8 x 80	30	40	50	0,2	0,2
8 x 110	35	45	75	0,2	0,2
8 x 140	40	50	100	0,2	0,2
8 x 170	45	55	125	0,2	0,2
8 x 200	50	55	150	0,2	0,2
8 x 250	50	55	200	0,2	0,2

Insulation Board Disk made of Metal

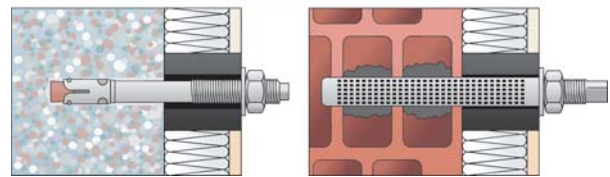
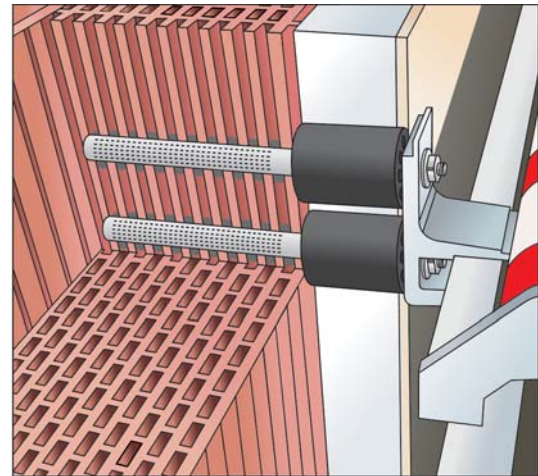
- Appropriate for insulation board fixing metal
- In particular for smooth insulation boards

Article No.	Article Description	QTY
8083 80	INSUL. BOARD DISK M.-OF MET.80	250



Distance Mounting Bushes DIMO-BLOCK

- Material: plastic material
- Pluggable distance bush to bridge loads of heavy-duty fixings in facades in full thermal protection
- To mount marquees, projecting roofs, window shutters, industrial ladders, consoles, etc.
- Applicable with FÖRCH injection mortar, anchor bolts, heavy-duty anchors or cladding plugs, etc.



Article No.	Article Description	QTY
8154 10	DIMO-BLOCK 10MM	50
8154 30	DIMO-BLOCK 30MM	25
8154 50	DIMO-BLOCK 50MM	25
8154 100	DIMO-BLOCK 100MM	20

Technical Data			
Outer Ø mm	Inner Ø mm	Distance height mm	Drilling Ø mm
49	18	10	50/51
49	18	30	50/51
49	18	50	50/51
49	18	100	50/51

Hole Saw XL DIMO-BLOCK

- Bimetal hole saw to drill in insulations
- Art.-No 5750 4 50:**
- Ø 50 mm, length 120 mm
- Replacement drill bit Art. No. 5510 70
- Art.-No 5750 4 51:** • Ø 50 mm, length 250 mm
- Art.-No 5750 4 50 and Art.-No 5750 4 51:**
- Incl. hexagon adapter and drill bit
- Replacement drill bit Art. No. 5508 90
- Not suitable for abrasive materials (Wedi and Harakliith-plates)

Article No.	Article Description	QTY
5750 4 50	KIT BMETAL HOLE SAW XL DIMO 50	1
5750 4 50 1	BIMETAL HOLE SAW XL DIMO 50	1
5750 4 51	KIT BMETAL HOLE SAW XL DIMO 51	1
5750 4 51 1	BIMETAL HOLE SAW XL DIMO 50	1



Injection Mortar FIT Z-B SF

- Styrene-free injection mortar with ETA-approval Option 7 for non-cracked concrete
- Licensed in connection with threaded rods, zinc-plated from class 5.8 as well as threaded rods made of stainless steel A4 M8-M24 or composite anchor rods AGR 8161/ 8162
- Tested for interior and exterior use
- Side by Side cartridge with a contents of 345 ml
- Styrene-free vinyl premium resin, odor-free
- Suitable for dry and wet concrete
- Minimum axial and edge distances at highest loads up to 367 kN



8150 345 5

8150 300 5

Technical Data

Ambient temperature	Processing time	Cure time for dry concrete	Cure time for wet concrete
≥ -10 °C	90 min	24 hrs	48 hrs
≥ -5 °C	90 min	14 hrs	48 hrs
≥ 0 °C	45 min	7 hrs	14 hrs
≥ +5 °C	25 min	2 hrs	4 hrs
≥ +10 °C	15 min	80 min	160 min
≥ +20 °C	6 min	45 min	90 min
≥ +30 °C	4 min	25 min	50 min
≥ +35 °C	2 min	20 min	40 min
≥ +40 °C	1.5 min	15 min	30 min

Article No.	Article Description	QTY
8150 345 5	INJECTION MORTAR FIT Z-B 345SF	e 12
8150P 345 5	HP(20)INJECT.MORTAR Z-B 345SF	1
8150 300 5	INJECT.MORT.FIT EASY Z-B 300SF	e 12
8150P 300 5	HP(20)INJ.MO.FIT EASY Z-B300SF	1

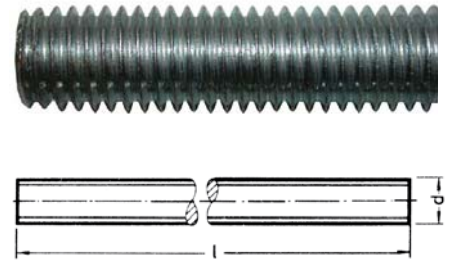
*not part of the ETA approval 13/0912

Threaded Rods DIN 976 8.8, Galvanised, 1m

- Strength class 8.8
- Length 1 m
- Galvanised steel

Article No.	Dimension	QTY
1824 4	M 4	1 H
1824 5	M 5	1 H
1824 6	M 6	1 H
1824 8	M 8	1 f
1824 10	M 10	1 g
1824 12	M 12	1 w
1824 14	M 14	1 z
1824 16	M 16	1 z
1824 18	M 18	1
1824 20	M 20	1 ü
1824 22	M 22	1 ü
1824 24	M 24	1 ü

Article No.	Dimension	QTY
1824 27	M 27	1
1824 30	M 30	1
1824 33	M 33	2
1824 36	M 36	1
1824 39	M 39	1
1824 42	M 42	1
1824 45	M 45	1
1824 48	M 48	1
1824 52	M 52	1
1824 56	M 56	1
1824 60	M 60	1
1824 64	M 64	1



Stud Bolts DIN 976 Shape A, Galvanized

- Galvanized steel - corrosion protected

Article No.	Dimension	QTY
1828 8 20	M 8 x 20	300
1828 8 25	M 8 x 25	300
1828 8 30	M 8 x 30	300
1828 8 40	M 8 x 40	300
1828 8 50	M 8 x 50	300
1828 8 60	M 8 x 60	150
1828 8 70	M 8 x 70	150
1828 8 80	M 8 x 80	150
1828 8 90	M 8 x 90	130
1828 8 100	M 8 x 100	130
1828 8 120	M 8 x 120	130
1828 8 150	M 8 x 150	130

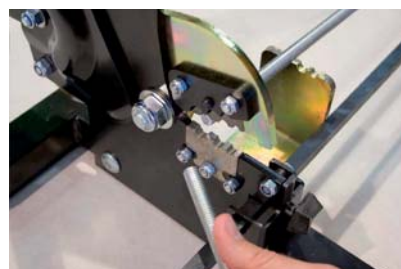
Article No.	Dimension	QTY
1828 8 200	M 8 x 200	130
1828 10 35	M 10 x 35	H 300
1828 10 40	M 10 x 40	H 300
1828 10 50	M 10 x 50	H 200
1828 10 60	M 10 x 60	150
1828 10 70	M 10 x 70	150
1828 10 80	M 10 x 80	150
1828 10 90	M 10 x 90	80
1828 10 100	M 10 x 100	80
1828 10 120	M 10 x 120	80
1828 10 150	M 10 x 150	80
1828 12 200	M 12 x 200	10



(d thread dia. x length mm)

Threaded Rod Cutter

- Threaded rod cutter for rod sizes M6, M7, M8, and M10
- Mobile use
- No damage of the thread during cutting process
- No deformation of cutting edges
- No sparking, therefore application in fire protection zones possible
- Clean cut without burr formation
- Lever transmission enables easy cutting
- Adjustable 65 cm stop rail, can be aligned to the right and left
- For threaded rods made of soft steel up to 6.6 – 60 kg/mm²
- Size (LxW): 68 cm x 19 cm
- Length of stop rail: 65 cm



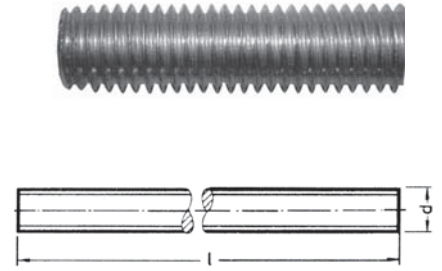
Article No.	Article Description	QTY
4945 1	THREADED ROD CUTTER 6-10MM	1
4945 2	REPLACE.CUT.SET F.THR.ROD CUT.	1

Threaded Rods DIN 976, Stainless Steel A2

• Length: 100 mm

Article No.	Dimension	QTY
1825 2	M 2	1
1825 25	M 2,5	1
1825 3	M 3	1
1825 4	M 4	1
1825 5	M 5	1
1825 6	M 6	1
1825 8	M 8	1
1825 10	M 10	1
1825 12	M 12	1
1825 14	M 14	1

Article No.	Dimension	QTY
1825 16	M 16	1
1825 18	M 18	1
1825 20	M 20	1
1825 22	M 22	1
1825 24	M 24	1
1825 27	M 27	1
1825 30	M 30	1
1825 33	M 33	1
1825 36	M 36	1

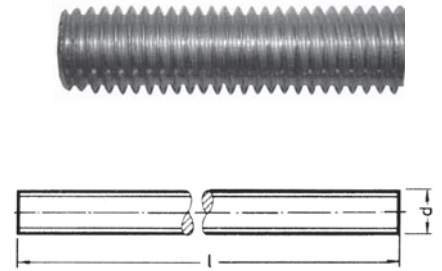


Threaded Rods DIN 976, Stainless Steel A4

• Length: 1000 mm

Article No.	Dimension	QTY
1826 2	M 2	1
1826 25	M 2,5	1
1826 3	M 3	1
1826 4	M 4	1
1826 5	M 5	1
1826 6	M 6	1
1826 8	M 8	1
1826 10	M 10	1
1826 12	M 12	1
1826 14	M 14	1

Article No.	Dimension	QTY
1826 16	M 16	1
1826 18	M 18	1
1826 20	M 20	1
1826 22	M 22	1
1826 24	M 24	1
1826 27	M 27	1
1826 30	M 30	1
1826 33	M 33	1
1826 36	M 36	1



Injection Fixing 2K

- 2-component injection system on the basis of polyurethane
- To fix light-weighted components, to repair and fill broken out or too large drilled holes in all mineral building materials
- Slight increase in volume during curing guarantees maximum retention
- Can also be used in hollow or perforated materials with perforated sleeve
- Expansion-free anchoring avoids damages on tiles and plaster
- Rapid curing, therefore little waiting times until mounting is possible
- Screws can be directly screwed in the cured compound and thus it is possible to screw them in and out several times
- Can be painted over or sanded
- Mounting of different screws, hook or eyelets up to Ø 6 mm
- Ideal to anchor, e.g. curtain rails, coat pegs, lamps, towel rails, light-weighted racks, shower rods, etc.

Notes:

- Storage space must be cool, dry and dark
- Storage temperature: +10 °C to +30 °C
- Minimum durability: 12 months
- Cure time: 2 - 4 minutes



Article No.	Article Description	QTY
8140 25	2K-INJECTION FIXING 25ML	e 10
8140 25 1	STATIC MIXT. F.2K-INJ.FIXING	10
8140 25 2	PERF.SLEEVE F.2K-INJECT.FIXING	10
8140 25 3	EXTENSION FOR 2K-INJECT.FIXING	10

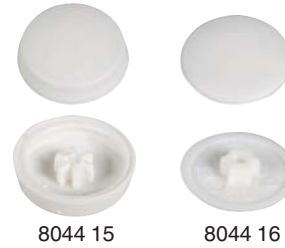
Contents of Art. No. 8140 25:

- 1x Injection fixing 25 ml, 2x static mixtures, 2x perforated sleeve, 2x extensions

Technical Data			*Recommended loads in kN	
Screw-Ø mm	Drill-Ø mm	Min. anch. depth mm	Solid material*	Perforated- material*
4	6 - 10	45	0.4	0.2
5	8 - 10	45	0.5	0.25
6	10	45	0.6	0.3

Cover Caps for Frame Plugs Metal TX

- For TX 30 drive



Article No.	Article Description	QTY
8044 15	COV.CAPS CONVEX WHITE 15 9016	H 500
8044 16	COV. CAPS FLAT WHITE 16 9016	H 500

Technical Data		
For plug Ø	Type	Color
10 mm	Curved Ø 15 mm	white RAL 9016
10 mm	Flat Ø 16 mm	white RAL 9016

Cover Caps for Frame Plugs Metal PZ

- For PZ drive
- For AGR 8040



Article No.	Article Description	QTY
8041 15	COV.CAPS CONVEX WHITE 15 9016	H 500
8041 15 1	COV.CAPS CONVEX D.BR.15 1 8017	H 500

Technical Data	
For plug Ø	Type
10 mm	Curved Ø 15 mm
10 mm	Curved Ø 15 mm
10 mm	Flat Ø 16 mm

Hammer Tackers

- Base body made of high quality Swedish steel
 - Robust construction
 - Hardened wear parts
 - Durable and rugged
- Secure grip – no slipping while working
- Balanced weight distribution – maximum impact force with minimum effort
- Fields of application: Fastening insulation material, films/foils, roofing felt, etc.

Art. No. 8350 11 3 and 8350 19 1:

- RAPID Tacker (double driver on Type 11 3)

Art. No. 8350P 11:

- Contents of hammer tacker pack R3 11:
 - Hammer tacker Type 11 3 Rap.
 - 10 packs of 5,000 staples 11 × 9 mm



Technical Data			
Type	Staple length	Staple type	Magazine capacity
11	6–10 mm	140	168 pieces
11 3	6–10 mm	140	168 pieces
19	4–6 mm	13	156 pieces
19 1	4–6 mm	13	156 pieces
54	10–14 mm	140	168 pieces

Article No.	Article Description	QTY
8350 11	HAMMER TACKER TYPE 11 PREBENA	1
8350 11 3	HAMMER TACKER TYPE 11-3 RAPID	1
8350 19	HAMMER TACKER TYPE 19 PREBENA	1
8350 19 1	HAMMER TACKER TYPE 19-1 RAPID	1
8350 54	HAMMER TACKER TYPE 54 RAPID	1
8350P 11	HAMMERTACKER-PAKET 11-3	1

Hammer Tacker Type 11 + 50,000 Staples

VAROBOXX

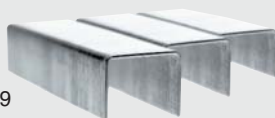
- Hammer tacker type 11 Prebena
- 50,000 staples type 140 10 mm
- In practical VAROBOXX size 1

Article No.	Article Description	QTY
9003 8350 1	VAROB. HAMMER T.TYPE11+STAPLES	1



Related Products

■ **Fine Wire Staples Type 13**
AGR 8353 37 4, 6
 4 – 6 mm, suitable for Hammer Tacker Type 19



■ **Flat Wire Staples Type 140**
AGR 8353 11 6, 8, 9, 10, 12, 14
 6 – 14 mm, suitable for Hammer Tacker Type 11 + 54



Hand Tacker

Art. No. 8351 53:

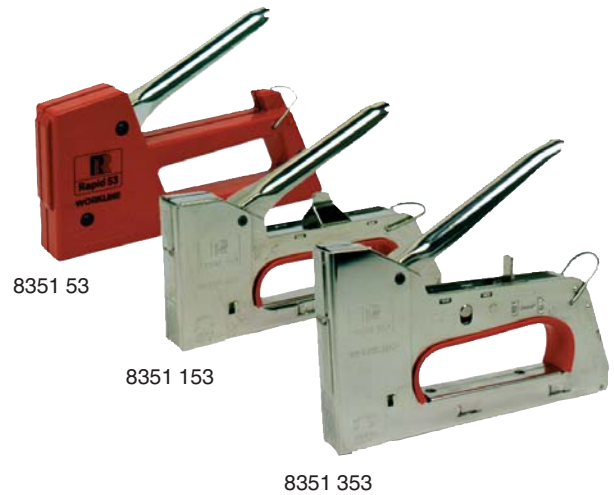
- Max. staple length: 8 mm
- High quality plastic housing — light and handy
- 156 staples per magazine

Art. No. 8351 153:

- Max. staple length: 8 mm

Art. No. 8351 353:

- Max. staple length: 14 mm
- All metal hand tacker – robust and wear-resistant
- Recoilless – comfortable working
- Quick load magazine – no loose parts
- Ideal for fastening insulation material, plastics, floor coverings, wall panelling with claw fasteners



Article No.	Article Description	QTY
8351 53	HAND TACKER TYPE 53	1
8351 153	HAND TACKER TYPE 153	1
8351 353	HAND TACKER TYPE 353	1

Manual Stapler Aluminium 940

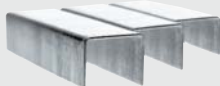
- Suitable for flat wire staples
- Staple length: 6-14 mm
- Max. nail length: 15 mm
- High quality aluminium housing
- Lightweight and robust
- Staple magazine constructed in solid steel
- With 3-level impact power regulation
- Up to 65% energy saving



Article No.	Article Description	QTY
8351 940	MANUAL STAPLER ALUMINIUM 940	1

Related Products

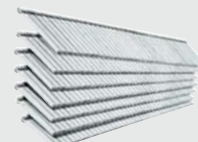
■ **Fine Wire Staples Type 53**
AGR 8353 53 6, 8, 10, 12, 14
 6 – 14 mm, suitable for Hand Tacker Type 53 – 353



■ **Flat Wire Staples Type 140**
AGR 8353 11 6, 8, 9, 10, 12, 14
 6 – 14 mm, suitable for Hand Tacker Alu 940



■ **Nails N°8 for Tacker**
AGR 8353 300 16
 15 mm, suitable for Hand Tacker Alu 940

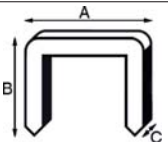


Fine Wire Staples Type 13

- Suitable for type 19
- Suitable for:** Arrow T 50, T 55, HT 50, ET 50, ETC 50, Swingline 31600, 31800, 10401



Technical Data		
Length A in mm	Length B in mm	Length C in mm
10.6	4.0	0.7
10.6	6.0	0.7




Article No.	Article Description	QTY
8353 37 4	PK(5000)STAPLES 13 4MM	1
8353 37 6	PK(5000)STAPLES 13 6MM	1

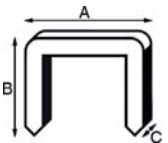
(Type / length in mm)

Fine Wire Staples Type 53

- Length 6 – 8 mm, suitable for Type 53/153 Manual Stapler
- Length 6 – 14 mm, suitable for Type 353 Manual Stapler
- Length 8 – 20 mm, suitable for Type 553 Electric Stapler
- Length 6 – 14 mm, suitable for Type BTX 530 Battery Stapler
- Suitable for:** B & D A5751, A5752, Decotac A5980, **KWB** T8, T9, TT40, T14, T17, TT18, TT19S, T28, T44, **AEG** Powertac 18, 19, **Stanley** ST10, St14, **Wolcraft** 7001, 7002, 7003, 7004, 7005, 7007, 7100, 7110, Taco8, Taco10, Taco14



Technical Data		
A in mm	B in mm	C in mm
11.4	6.0	0.75
11.4	8.0	0.75
11.4	10.0	0.75
11.4	12.0	0.75
11.4	14.0	0.75
11.4	20.0	0.75




Article No.	Article Description	QTY
8353 53 6	PK(5000)STAPLES 53 6MM	1
8353 53 8	PK(5000)STAPLES 53 8MM	1
8353 53 10	PK(5000)STAPLES 53 10MM	1
8353 53 12	PK(5000)STAPLES 53 12MM	1
8353 53 14	PK(5000)STAPLES 53 14MM	1
8353 53 20	PK(1250)STAPLES 53 20MM	1

(Type/ Length in mm)

Flat Wire Staples Type 140

- Wide-crown staples, reducing the penetration of foils
 - Suitable for Types 11 + 54 Hammer Staplers
 - Suitable for Alu 940 Manual Stapler
- Suitable for:** Arrow T 50, T 55, HT 50, ET 50, ETC 50, Swingline 31600, 31800, 10401



Technical Data		
Length A mm	Length B mm	Length C mm
10.6	6.0	1.3
10.6	8.0	1.3
10.6	9.0	1.3
10.6	10.0	1.3
10.6	12.0	1.3
10.6	14.0	1.3



Article No.	Article Description	QTY
8353 11 6	PK(5000)STAPLES 140 6MM	1
8353 11 8	PK(5000)STAPLES 140 8MM	1
8353 11 9	PK(5000)STAPLES 140 9MM	1
8353 11 10	PK(5000)STAPLES 140 10MM	1
8353 11 12	PK(5000)STAPLES 140 12MM	1
8353 11 14	PK(5000)STAPLES 140 14MM	1

(type / length in mm)

Staples Type 606

- suitable for electric stapler type 606
- Suitable for:** B & D BD 428, SR 190E, KWB TT 19S, TT 28, Metabo TaE 2019, TaM 2020, TaE 3030, TaM 3034, Bosch PTK 19E, PTK 23E, PTK 29E, Wolcraft 7160, 7162, 7165



Technical Data		
Length A mm	Length B mm	Length C mm
6.0	12.0	1.1
6.0	18.0	1.1
6.0	25.0	1.1



Article No.	Article Description	QTY
8353 606 12	PK(4000)STAPLES 606 12MM	1
8353 606 18	PK(4000)STAPLES 606 18MM	1
8353 606 25	PK(4000)STAPLES 606 25MM	1

(type / length in mm)

Nail N°8 for Staplers

- 15 mm fits Alu 940 Manual Stapler
 - 15 mm fits BTX 530 Battery Stapler
 - 15 + 20 mm fits Type 553 Electric Stapler
 - 20 + 25 mm fits Type 606 Electric Stapler
- Suitable for:** KWB TT19 S, TT 28, Metabo TaE 2019, TaM 2020, TaE 3030, TaM 3034, Bosch PTK 19E, PTK 29E



Article No.	Article Description	QTY
8353 300 16	PK(1000) NAILS NO.8 15MM	1
8353 300 20	PK(750) NAILS NO.8 20MM	1
8353 300 25	PK(1000) NAILS NO.8 25MM	1

(type / length in mm)



Pneumatic Nail Gun Concrete CN60

- Light in weight and compact nail gun for processing magazined steel nails with diameter 2.6 mm from 15 to 40 mm
- Rapid, safe and easy to use
- Secure handle due to ergonomic design
- High magazine capacity of 40 nails

Fields of application:

- Especially for drywall construction (profiles on plastic/concrete/steel), (metal on metal, wood on concrete/steel)



Technical Data		
Art. No.	5358 34 60	5358 34 40
Battery power:	6.0 V	6.0 V
Magazine capacity:	40 nails	40 nails
Performance:	~ 1000 nails/cartridge	1000 nails / cartridge
Nagellänge:	15 - 58 mm	15 - 40 mm
Safety:	Single sequential actuation	Single sequential actuation
Weight:	3.98 kg	3.8 kg

Article No.	Article Description	QTY
5358 34 60	FO-NAIL GUN CONCRETE CN60	1
5358 34 40	FO-NAIL GUN CONCRETE CN40	1

Steel Nail incl. Gas Cartridge Type 60 1

Versions:

- Galvanised steel
- Suitable for CN60 and for Spit Pulsa 1000/TF, Powers Trak-It C3/C4 and Würth DIGA CS1
- One gas cartridge for each pack of 40 g and 1000 steel nails

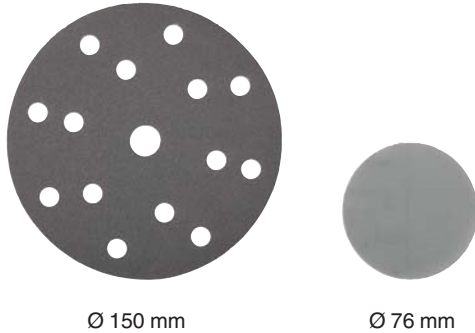
Technical Data	
Application	Length of steel nail
Sheet metal profile on steel beam:	15 mm
Sheet metal profile on sand-lime brick:	20/25 mm
Sheet metal profile on concrete:	20/25 mm
Sheet metal profile on plaster in sand-lime brick:	30 - 40 mm
Wood on concrete/sand-lime brick:	30 - 40 mm

Article No.	Article Description	QTY
8354 60 1 26 15	PK(1000)STEEL NAIL CN60 2.6X15	1
8354 60 1 26 20	PK(1000)STEEL NAIL CN60 2.6X20	1
8354 60 1 26 25	PK(1000)STEEL NAIL CN60 2.6X25	1
8354 60 1 26 30	PK(1000)STEEL NAIL CN60 2.6X30	1
8354 60 1 26 35	PK(1000)STEEL NAIL CN60 2.6X35	1
8354 60 1 26 40	PK(1000)STEEL NAIL CN60 2.6X40	1
8354 60 1 26 50	PK(1000)STEEL NAIL CN60 2.6X50	1
8354 60 1 26 58	PK(1000)STEEL NAIL CN60 2.6X58	1



Sandpaper for Paint, Loop Discs

- Backing material: tear-resistant plastic film
- Bonding:
 - P80 – P150: Fully synthetic resin
 - P180 – P3,000: Solid resin with stearate coating
- Grit type: Corundum
- Dispersion: sparse
- Hole pattern:
 - Ø 150 mm: 15 holes
 - Ø 76 mm: without holes



Your Advantage / Benefit

- From P180: optimised grit dispersion and anti-stick system for an extended service life
- low scratching depth for best paint possibilities
- The tear-resistant plastic film prevents ripping, fraying and creasing around the edge of the abrasive disc and extraction holes
- The sparse dispersion, combined with the stearate coating prevent rapid clogging of the sandpaper and considerably extend the service life of the product
- Good material removal capacity on tough, scratch-resistant paints

Application

- Dry sanding, sanding filler, polyester, fibreglass filler, form sanding of filler, matting painted surfaces, sanding away transitions, flash rust and stone chips
- Sanding new parts, factory primers



Article No..	Article Description	QTY
5935 5 80 1	SANDP.F.PAINT150 15L P 80 5*	100
5935 5 120 1	SANDP.F.PAINT150 15L P 120 5*	100
5935 5 150 1	SANDP.F.PAINT150 15L P 150 5*	100
5935 5 180 1	SANDP.F.PAINT150 15L P 180 5*	100
5935 5 220 1	SANDP.F.PAINT150 15L P 220 5*	100
5935 5 240 1	SANDP.F.PAINT150 15L P 240 5*	100
5935 5 320 1	SANDP.F.PAINT150 15L P 320 5*	100
5935 5 400 1	SANDP.F.PAINT150 15L P 400 5*	100
5935 5 500 1	SANDP.F.PAINT150 15L P 500 5*	100
5935 5 600 1	SANDP.F.PAINT150 15L P 600 5*	100
5935 5 800 1	SANDP.F.PAINT150 15L P 800 5*	50
5935 5 1000 1	SANDP.F.PAINT150 15L P1000 5*	50
5935 5 1500 1	SANDP.F.PAINT150 15L P1500 5*	50
5935 5 2000 1	SANDP.F.PAINT150 15L P2000 5*	50
5935 5 2500 1	SANDP.F.PAINT150 15L P2500 5*	50
5935 5 3000 1	SANDP.F.PAINT150 15L P3000 5*	50
5935 5 80 76	SANDP.F.PAINT76 NO HO.P 80 5*	50
5935 5 120 76	SANDP.F.PAINT76 NO HO.P 120 5*	50
5935 5 150 76	SANDP.F.PAINT76 NO HO.P 150 5*	50
5935 5 180 76	SANDP.F.PAINT76 NO HO.P 180 5*	50
5935 5 220 76	SANDP.F.PAINT76 NO HO.P 220 5*	50
5935 5 240 76	SANDP.F.PAINT76 NO HO.P 240 5*	50
5935 5 320 76	SANDP.F.PAINT76 NO HO.P 320 5*	50
5935 5 400 76	SANDP.F.PAINT76 NO HO.P 400 5*	50
5935 5 500 76	SANDP.F.PAINT76 NO HO.P 500 5*	50
5935 5 600 76	SANDP.F.PAINT76 NO HO.P 600 5*	50
5935 5 800 76	SANDP.F.PAINT76 NO HO.P 800 5*	50
5935 5 1000 76	SANDP.F.PAINT76 NO HO.P1000 5*	50
5935 5 1500 76	SANDP.F.PAINT76 NO HO.P1500 5*	50
5935 5 2000 76	SANDP.F.PAINT76 NO HO.P2000 5*	50
5935 5 2500 76	SANDP.F.PAINT76 NO HO.P2500 5*	50
5935 5 3000 76	SANDP.F.PAINT76 NO HO.P3000 5*	50

(Velcro / Ø mm / hole / P = grit)

Related Products

- **Klett-Back up pad 150 Multi-H Flex**
Art.-No. 5937 1



- **Orbital Sanding Dragstar 150 ml**
Art.-No. 5353 3325, 5353 3350



- **Disposable gloves, nitrile**
Art.-No. 5405 40 1 1



Orbital Sanding Disc Dragstar 150 mm

- Extremely lightweight, low noise, low vibration
- High quality protective Velcro pad for professional use
- Vibration-free and long-lasting due to the four-fold storage of the composite motor
- Infinitely variable speed control
- 2.5 mm hub for working on coatings with fine sandpaper
- 5.0 mm hub for working on coatings with coarse sandpaper
- Vacuum suction device for 28 mm Ø suction hose, Art.-No. 5928 28 4

Compatible sandpaper:

- AGR 5904, 5906, 5930, 5935, 5936, 5937, 5938"



Technical Data	5353 3325	5353 3350
Cruising speed:	12,000 rpm	12,000 rpm
Stroke:	2.5 mm	5.0 mm
Operating pressure:	6.2 bar	6.2 bar
Consistent air consumption:	481 l/min	481 l/min
Noise level(LpA):	77 dB(A)	77 dB(A)
Vibration:	3.3 m/s ²	3.1 m/s ²
Weight:	820 g	850 g
Supporting plate:	150 mm	150 mm
Preforation:	14+1	14+1
Air connection:	1/4"	1/4"
Corresponding plug-in nipple:	Art.-No. 3926 14 1	Art.-No. 3926 14 1

Article No.	Article Description	QTY
5353 3325	ORB.SAND.DISC.2.5 DRAGSTAR	1
5353 3350	ORB.SAND.DISC.5.0 DRAGSTAR	1
5937 1	VE.BACK UP PAD150 MULTI-H FLEX	1
5977 1	VEL.BACK.PAD.ABRA.150 5/16"+M8	1

Eccentric Disc Grinder 75 mm

- Ideal for small grinding jobs (wood, metal, etc.)
- Speed regulation by means of rotary knob
- Strongly adhering Velcro support plate
- Without dust extraction device

Suitable sandpaper:

- AGR 5935 12



Technical Data	
Idle speed:	12,000 rpm
Stroke:	2.5 mm
Operating pressure	6.3 bar
Constant air consumption:	340 l/min
Average air consumption:	340 l/min
Length:	133 mm
Noise level (LpA):	83.0 dB(A)
Vibration:	6.60 m/s ²
Weight:	0.688 kg
Support plate:	75 mm
Air connection:	1/4" IG
Suitable plug nipple	Art.-No. 3926 14 1

Article No.	Article Description	QTY
5353 3370	ECCENTRIC DISC GRINDER 3370	1
5353 1501 2	VELCRO SUPPORTING DISK 75MM	1

VARO Dispenser Systems

Fuel Hose Dispenser System

- Robust roll holder made of sheet steel for individual storage of FÖRCH fuel hose rolls
- Including special cutter
- Front guidance avoids hose slipping back
- Suitable for all FÖRCH perforated panels and for the VARO racking system
- Colour: RAL 5003

Contents:

Article No.	Article Description	Quantity
1318 35 95	RD.PH.SH.MET.SC.7981 GA3.5X9.5	1
1318 42 95	RD.PH.SH.MET.SC.7981 GA4.2X9.5	3
3404 10 40	CHAIN FOR HOSE SCISSORS 40CM	1
3799 4	PERFORATED PANEL FOR DISPENSER	1
3799 5	DISPENSER W.WOOD AXLE 130MM	3
4760 9	COMBI-HOSE SHEARS 190MM	1
5980 990	SET FOR DISPENSER SYSTEM	1



Article No.	Article Description	QTY
3905 1	FUEL HOSE DISPENS.SYSTEM	1

Dispenser System for Fuel Hose / Abrasive Paper

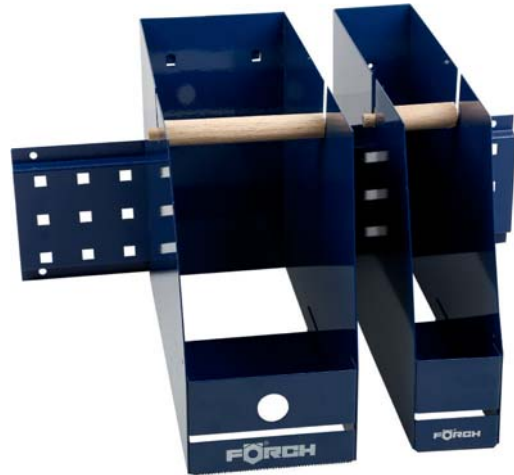
- Solid roll holder made of sheet steel with enclosed wooden axle for individual mounting
- Suitable for all FÖRCH perforated panels and VARO racking systems
- Tear-off edge for abrasive paper
- Can be fitted optionally
- Colour: RAL 5003

Art. No. 3799 5:

- Suitable for fuel hoses, slipping paper, abrasive sheets, abrasive fleece

Art. No. 3799 6:

- Suitable for abrasive cloth
- AGR 5980: 40 mm width
- AGR 5981: 50 mm width
- AGR 5982: 60 mm width



Article No.	Article Description	QTY
3799 4	PERFORATED PANEL FOR DISPENSER	1
3799 5	DISPENSER W.WOOD AXLE 130MM	1
3799 6	DISPENSER F.DISC/SHEETS 65MM	1
3799 5 1	WOOD.AXLE FOR DISPENSER 140MM	1
3799 6 1	VARO-ROLL HOLDER SHAFT 74MM	1

Dispenser for Dry Abrasive Paper

Contents:

Article No.	Article Description	Quantity
1318 42 95	RD.PH.SH.MET.SC.7981 GA4.2X9.5	3
1611 6 40	PAN-H.PZ3-SPS ZI 6X 40	4
3799 4	PERFORATED PANEL FOR DISPENSER	1
3799 5	DISPENSER W.WOOD AXLE 130MM	3
8000 8	NYLON-EXPANSION ANCHOR F 8	4

Article No.	Article Description	QTY
5925 1	VARO-DISPENSER FOR ABRASIVES	1



Dispenser 5-fold, Empty

Contents:

Article No.	Article Description	Quantity
3799 4	PERFORATED PANEL FOR DISPENSER	1
3799 5	DISPENSER W.WOOD AXLE 130MM	1
3799 6	DISPENSER F.DISC/SHEETS 65MM	4
5980 990	SET FOR DISPENSER SYSTEM	1

Article No.	Article Description	QTY
5980 5	FÖRCH - DISPENSER 5-FOLD EMPTY	1

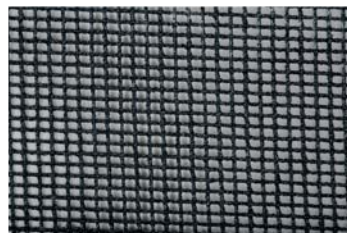
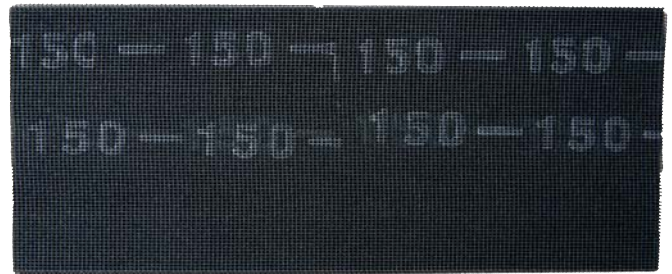


Screen Sandpaper

- For universal use for manual sanding using a hand sander or machine sander with oscillating sander
- Suitable for dry and wet processing
- For smoothing filled areas when installing plasterboard panels, intermediate sanding down between paint coats, rust removal from metal, etc.
- The open weave prevents rapid clogging
- Substrate: net-like nylon weave
- Binding: Synthetic resin
- Grit type: Silicon carbide
- Scatter: dense

Technical Data

Applications	Grit size recommendation
Sanding old paint and lacquer:	P 60 – 100
Intermediate paint coat sanding:	P 60 – 120
Sanding wood:	P 60 – 120
Sanding stone, concrete, marble and granite	P 60 – 120
Metal rust removal:	P 60 – 120
Filler work on plaster and fibre boards:	P 80 – 220
Fine sanding of primer and filler:	P 120 – 180



Detailed view

Article No.	Article Description	QTY
8761 93 280 60	SC.SANDPAPER 93X280 P 60	10
8761 93 280 80	SC.SANDPAPER 93X280 P 80	10
8761 93 280 100	SC.SANDPAPER 93X280 P100	10
8761 93 280 120	SC.SANDPAPER 93X280 P120	10
8761 93 280 150	SC.SANDPAPER 93X280 P150	10
8761 93 280 180	SC.SANDPAPER 93X280 P180	10
8761 93 280 220	SC.SANDPAPER 93X280 P220	10
8761 115 280 60	SC.SANDPAPER 115X280 P 60	10
8761 115 280 80	SC.SANDPAPER 115X280 P 80	10
8761 115 280100	SC.SANDPAPER 115X280 P100	10
8761 115 280120	SC.SANDPAPER 115X280 P120	10
8761 115 280150	SC.SANDPAPER 115X280 P150	10
8761 115 280180	SC.SANDPAPER 115X280 P180	10
8761 115 280220	SC.SANDPAPER 115X280 P220	10
8761P 93 280 60	PK(50)SC.SANDPAPER 93X280 P 60	1
8761P 93 280 80	PK(50)SC.SANDPAPER 93X280 P 80	1
8761P 93 280 100	PK(50)SC.SANDPAPER 93X280 P100	1
8761P 93 280 120	PK(50)SC.SANDPAPER 93X280 P120	1
8761P 93 280 150	PK(50)SC.SANDPAPER 93X280 P150	1
8761P 93 280 180	PK(50)SC.SANDPAPER 93X280 P180	1
8761P 93 280 220	PK(50)SC.SANDPAPER 93X280 P220	1
8761P 115 280 60	PK(50)SC.SANDPAPER115X280 P 60	1
8761P 115 280 80	PK(50)SC.SANDPAPER115X280 P 80	1
8761P 115 280100	PK(50)SC.SANDPAPER115X280 P100	1
8761P 115 280120	PK(50)SC.SANDPAPER115X280 P120	1
8761P 115 280150	PK(50)SC.SANDPAPER115X280 P150	1
8761P 115 280180	PK(50)SC.SANDPAPER115X280 P180	1
8761P 115 280220	PK(50)SC.SANDPAPER115X280 P220	1

(W × L mm / P = grit)

Hand Sander for Grit Cloth / Abrasive Grit

- In hard wearing plastic
- Grit cloths are gripped in clamping jaws without the use of tools

Article No.	Article Description	QTY
8761 85 235	MAN.GRINDER 235X85MM	1

(Width × length mm)



Perforated Abrasive Material Roll

- Flexible and malleable abrasive non-woven material
- Ideally suited for hand sanding of rounded edges, corners and contours in the treatment of bodywork
- Increased durability as a result of the even, net-like structure and enhanced nylon fabric
- Water and solvent-resistant
- Dimensions (W x L): 115 x 140 mm
- Dispenser box: 10 m
- Easy to remove thanks to perforated strips

Applications:

- Sanding of paint, filler, metal, wood and plastic



Article No.	Article Description	QTY
5950 1 320	RO(10M)PERF.ABR.115X140 P320	1
5950 1 600	RO(10M)PERF.ABR.115X140 P600	1

(W x L mm / P = grade)

Grinding Fleece - Roll

Article No.	Article Description	QTY
5950 180	RO(10M)GRIND.FLEECE 115MM P180	1
5950 360	RO(10M)GRIND.FLEECE 115MM P360	1
5950 500	RO(10M)GRIND.FLEECE 115MM P500	1
5950 800	RO(10M)GRIND.FLEECE 115MM P800	1
5950 1500	RO(10M)GRIND.FLEECE115MM P1500	1

Technical Data
Colour:
brown
red
light grey
grey
khaki



Grinding Fleece - Sheet

Article No.	Article Description	QTY
5951 180	GRINDING FLEECE 152X229MM P180	20
5951 280	GRINDING FLEECE 152X229MM P280	20
5951 500	GRINDING FLEECE 152X229MM P500	20
5951 800	GRINDING FLEECE 152X229MM P800	20
5951 1500	GRINDING FLEECE152X229MM P1500	20

Technical Data
Colour:
red
brown
blue
grey
khaki



Grinding Fleece - Disc

- Fabric added fleece

Article No.	Article Description	QTY
5952 100	GRIND.FLEECE D150MM P 100	20
5952 180	GRIND.FLEECE D150MM P 180	20
5952 320	GRIND.FLEECE D150MM P 320	20
5953 100	GRIND.FLEECE D115MM P 100	20
5953 180	GRIND.FLEECE D115MM P 180	20
5953 320	GRIND.FLEECE D115MM P 320	20

Technical Data
Colour:
brown
brown
brown
brown
brown
brown



Hard Fleece Grinding Disc - Velcro

- Stronger version of PGR 5953
- More aggressive, firmer edge and long service life
- Suitable disc Art. No 5939 3 or Art. No 5978 1 with guide Ø 22 mm for exact disc centring

Article No.	Article Description	QTY
5978 115 1	VELC.HARD FLEECE D115MM COARSE	10
5978 115 2	VELC.HARD FLEECE D115MM MEDIUM	10
5978 115 3	VE.HARD FLEECE 115MM VERY FINE	10
5978 1	VELC.GR.DISC M14 115MM PIN22	1

Technical Data
Colour:
brown
red
blue



Fleece Backing Pad - Special Velcro

- For attaching fleece grinding disc

Article No.	Article Description	QTY
5952 2	VELCRO FLEECE BACK.PAD 150 M14	1
5953 1	VELCRO FLEECE BACK.PAD 115 M14	1



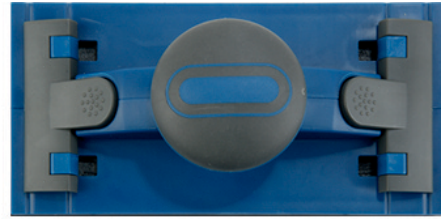
Application areas for grinding fleeces:

- **Graining P100 – grain type aluminium oxide:**
Paint removal, derusting, cleaning, removal of soils, such as plaster and trappings etc., light softwood structuring
- **Graining P180 – grain type aluminium oxide:**
Sanding of galvanised steel before painting. Cleaning and sanding of aluminium part (e.g. truck superstructures, winter gardens etc.) and other metallic surfaces. Paint and rust removal.
- **Graining P320, P360 – grain type aluminium oxide:**
Grinding of old paints and metals before the new painting. Burnishing of glazed and pickled wood. Grinding (dash-dot matting) of stainless steels, non-ferrous metals etc.
- **Graining P500, 800 – grain type silicon carbide:**
Touching up imperfections of paint with 1 or 2 layers; primer, filler and filling primer grinding: plastic abrading; burnishing of fibrous surfaces
- **Graining P800, P1500 – grain type silicon carbide:**
Touching up imperfections of paint with 1 or 2 layers; soil removal; primer, filler and filling primer grinding; fine grinding of GRP-parts in automotive construction, boat building, and model building.

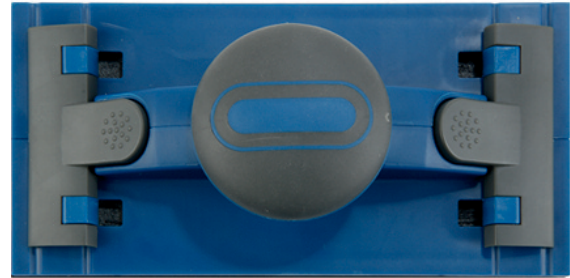
Grinding Block, Plastic

- 2 holders
- Grinding plate with soft plastic support
- Stable version

Article No.	Article Description	QTY
5924 1 1	KST-HANDSCHLEIFKLOTZ 180X85MM	1
5924 105 1	PLST.HAND GRIND.BLOCK212X105MM	1



5924 1 1



5924 105 1

Grinding Block - Cork

Article No.	Article Description	QTY
5924 2	GRIND.BLOCK - CORK 120X60X35MM	1



Grinding Block - Velcro

- With hard and flexible side
- For wet and dry grinding
- For the use with Velcro file strips and grinding fleeces (have to be cut to size)

Article No.	Article Description	QTY
5929 1	VELCRO GRINDING BLOCK 70X125MM	1



Abrasive Block Sponges and Mats

- Abrasive block sponges: standard foam, hard
- Abrasive mat: soft foam
- Grain type: aluminium oxide, silicon carbide for abrasive sponge P 180 and all abrasive mats
- Pliable and flexible, adapts perfectly to all kinds of contours
- Fine grinding structure with high material abrasion (P 100 abrasive sponge grain delivers grinding structure like P 180/220 abrasive paper)
- Easy to blow and to wash out

Wood grinding:

- Profiles, edges, corners, roundings
- Surfaces, fillings, flattenings
- Mitres, plates

Paint intermediate grinding:

- After treating with water soluble or solvent-containing surface materials
- High gloss paints and adequate fillers
- Leached surfaces
- Window glazes

Plastic grinding:

- Edges and surfaces
- All plastics e.g. ABS, PVC, acryl, laminates etc...

Metal grinding:

- Cleaning and polishing
- Brass, stainless steel, etc.
- Priming filler in body shops

Measurements (L x W x H):

- AGR 5945: 98 x 69 x 26
- AGR 5946: 120 x 98 x 13



Article No.	Article Description	QTY
5945 36	ABRASIVE SPONGE 97X67X25 P 36	e 250
5945 60	ABRASIVE SPONGE 97X67X25 P 60	e 250
5945 80	ABRASIVE SPONGE 97X67X25 P 80	e 250
5945 100	ABRASIVE SPONGE 97X67X25 P100	e 250
5945 180	ABRASIVE SPONGE 97X67X25 P180	e 250
5945 60 100	ABRASIVE MAT 97X67X25 P60/100	e 250
5946 60	ABRASIVE MAT 123X98X13 P60	e 25
5946 100	ABRASIVE MAT 120X98X13 P100	e 25
5946 180	ABRASIVE MAT 120X98X13 P180	e 25
5946 220	ABRASIVE MAT 120X98X13 P220	e 25

(L x W x H / P = grit)

Abrasive Mat

- Special foam, single-sided coating
- P 60 – P 180: aluminium oxide
- P 220 – P 280: silicium carbide
- Abmessung (W x L x H): 115 x 40 x 5 mm

Article No.	Article Description	QTY
5947 60	SINGLE-SIDED MAT 115X140X5 P60	e 10
5947 100	SINGLE-SIDED MAT 115X140X5 P100	e 10
5947 120	SINGLE-SIDED MAT 115X140X5 P120	e 10
5947 180	SINGLE-SIDED MAT 115X140X5 P180	e 10
5947 220	SINGLE-SIDED MAT 115X140X5 P220	e 10
5947 280	ABRASIVE ONE-SID. 112X137X5P280	e 10

(W x L x H mm / P = grit)



Twisted Wire Brushes - Stainless Steel V2A

- For heavier work e.g. removing paint, primer and surface coatings, sealings, adhesives and oxide layers etc...

Technical Data					
Art.-No.	Machine mount	Ø mm	Width mm	Max. rpm	Wire Ø mm
5862 1 115	drilling 22.2 mm	115	-	11,000	0.50
5862 1 125	drilling 22.2 mm	125	-	10,000	0.50
5862 1 125 6	drilling 22.2 mm	125	6	10,000	0.50
5862 1 150	drilling 22.2 mm	150	-	9,000	0.50
5862 2 70	shaft 6 mm	70	6	20,000	0.50
5862 4 65	female thread M14	65	-	12,000	0.50
5862 5 100	female thread M14	100	-	12,500	0.50
5862 5 115	female thread M14	115	-	12,500	0.50
5862 6 19	shaft 6 mm	19	6	20,000	0.35



Article No.	Article Description	QTY
5862 1 115	ROUND BRUSH TW.V2A 22.2MM D115	1
5862 1 125	ROUND BRUSH TW.V2A 22.2MM D125	1
5862 1 125 6	ROUND BRU.TW.V2A 22.2MM D125X6	1
5862 1 150	ROUND BRUSH TW.V2A 22.2MM D150	1
5862 2 70	SHAFT-ROU.BR.TW.V2A 6MM D70MM	1 z
5862 4 65	WIRE ROUND BR.TW.V2A M14 D65MM	1
5862 5 100	CO.TOP WIRE BR.TW.V2A M14 D100	1
5862 5 115	CO.TOP WIRE BR.TW.V2A M14 D115	1
5862 6 19	END BRUSH TWIST.V2A 6MM D19MM	1 z

Crinkled Wire Brushes – Stainless Steel V2A

- For light work e.g. removing paint, primer and surface coatings and oxide layers etc...
- For preparing clean surfaces, surface deburring

Technical Data					
Art.-No.	Fixing	Ø mm	Width mm	Max. speed rpm.	Wire Ø mm
5863 1 50	shaft 6 mm	50	10	15,000	0.3
5863 1 60	shaft 6 mm	60	10	15,000	0.3
5863 2 24	shaft 6 mm	24	-	18,000	0.3
5863 2 30	shaft 6 mm	30	-	15,000	0.3
5863 3 100	female thread M14	100	-	12,500	0.3
5863 5 60	femaile thread M14	60	-	12,500	0.3

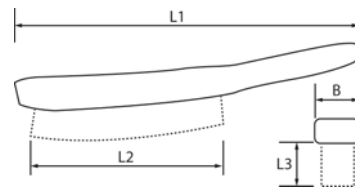


Article No.	Article Description	QTY
5863 1 50	SH-ROUND CRINKL.V2A 6MM D50MM	1 z
5863 1 60	SH-ROUND CRINKL.V2A 6MM D60MM	1 z
5863 2 24	END BRUSH CRINKL.V2A 6MM D24MM	1 z
5863 2 30	END BRUSH CRINKL.V2A 6MM D30MM	1 z
5863 3 100	CONE BRUSH THR.V2A M14 D100MM	1
5863 5 60	CUP BRUSH THR.V2A M14 D 60MM	1
5863 5 80	WIRE ROUND BR.CR.V2A 14MMD80MM	1

Hand Wire Brushes Steel / Brass

- Total length: 290 mm
- Wired length: 140 mm

Technical Data					
Art.-No.	L1	L2	L3	B	Wire Ø
	mm	mm	mm	mm	mm
5850 2	290	140	25	22	0.3
5850 3	290	140	25	28	0.3
5850 4	290	140	25	32	0.3
5850 5	290	140	25	38	0.3
5851 2	290	140	25	22	0.3
5851 3	290	140	25	28	0.3
5851 4	290	140	25	32	0.3
5851 5	290	140	25	38	0.3
5852 4	290	140	25	32	0.3

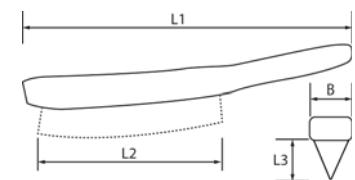


Article No.	Article Description	QTY
5850 2	HAND-WIRE BRUSH 2-ROW STEEL	1 z
5850 3	HAND-WIRE BRUSH 3-ROW STEEL	1 z
5850 4	HAND-WIRE BRUSH 4-ROW STEEL	1 z
5850 5	HAND-WIRE BRUSH 5-ROW STEEL	1 z
5851 2	HAND-WIRE BRUSH V2A 2-ROW	1 z
5851 3	HAND-WIRE BRUSH V2A 3-ROW	1 z
5851 4	HAND-WIRE BRUSH V2A 4-ROW	1 z
5851 5	HAND-WIRE BRUSH V2A 5-ROW	1 z
5852 4	HAND-WIRE BRUSH 4-ROW BRASS	1 z

Fillet weld brushes with wooden handle

- Removal of slag and scale from welding seams and fillet welds that are difficult to reach
- For all light rust removal and cleaning work
- With hanging hole

Technical Data					
Art.-No.	L1	L2	L3	Wire Ø	B
	mm	mm	mm	mm	mm
5850 3 1	290	135	35	0.35	30
5851 3 1	290	135	35	0.35	30



Article No.	Article Description	QTY
5850 3 1	HAND-DB FILL.SEAM ST.V FORM 3R	1 d
5851 3 1	HAND-DB FILL.SEAM V2A V FORM3R	1 d

Brake Caliper Brushes

- With a plastic handle
- Art.-No. 4940 1:**
- For the cleaning of brake calipers made of cast steel
- Art.-No. 4940 5:**
- For the cleaning of brake calipers made of aluminium

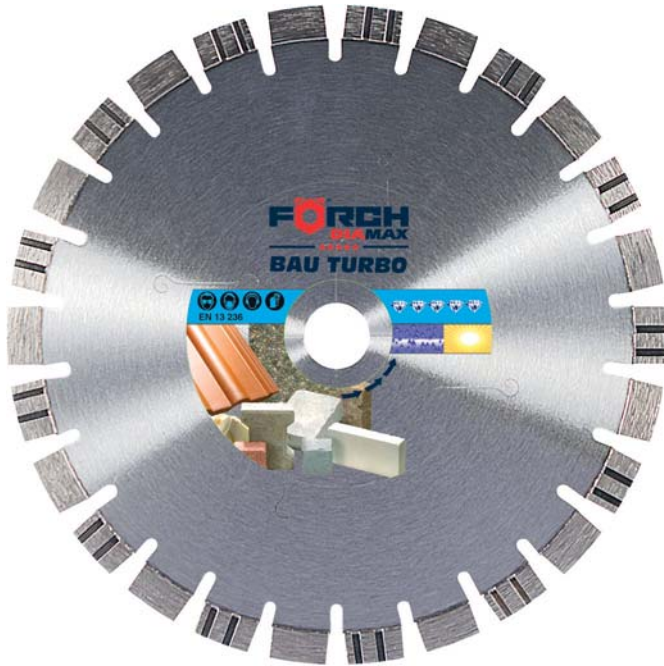
Article No.	Article Description	QTY
4940 1	BRAKE CALIPER BRUSH STEEL	1 z
4940 5	BRAKE CALIPER BRUSH BRASS	1 z



Diamond blades **DIAMAX** for dry-/wet cutting

DIAMAX CONSTRUCTION TURBO

- For dry and wet cutting
- Ideal diamond disc for dry cutting with angle grinder and motor separator as well as wet cutting on construction site saw

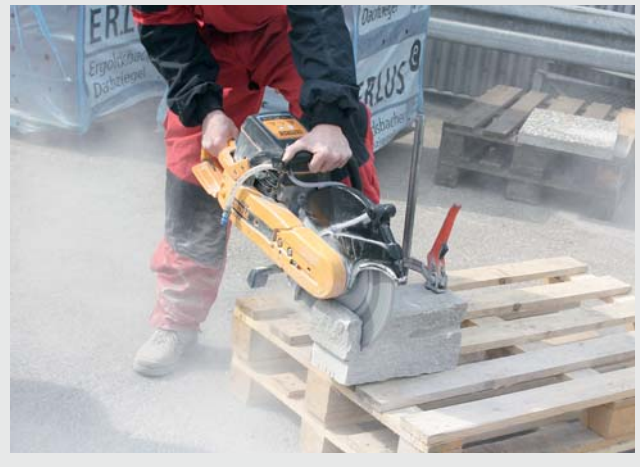


Your Advantage / Benefit

- 12 mm segment thickness for long service life
- Laser welded segment bonding for demanding cutting tasks
- Laser-cut slots for reduced noise emission
- Finely toothed turbo changing segments for quick load transport, less heating, and thus a faster cut

Application

- Suitable for concrete, granite, hard clinker bricks, reinforced concrete, common construction materials



Article No.	Article Description	QTY
5849 6 115	DTS DIAMAX CONSTR.TURBO 115	1
5849 6 125	DTS DIAMAX CONSTR.TURBO 125	1
5849 6 230	DTS DIAMAX CONSTR.TURBO 230	1
5849 6 300 20	DTS DIAMAX CONSTR.TURBO300 B20	1
5849 6 300 254	DTS DIAMAX CONSTR.TB 300 B25.4	1
5849 6 300 30	DTS DIAMAX CONSTR.TB 300 B30	1
5849 6 350 20	DTS DIAMAX CONSTR.TB 350 B20	1
5849 6 350 254	DTS DIAMAX CONSTR.TB 350 B25.4	1
5849 6 350 30	DTS DIAMAX CONSTR.TB 350 B30	1
5849 6 400 20	DTS DIAMAX CONSTR.TB 400 B20	1
5849 6 400 254	DTS DIAMAX CONSTR.TB 400 B25.4	1
5849 6 400 30	DTS DIAMAX CONSTR.TB 400 B30	1

(Ø in mm / BO = drill in mm if not 22,23 mm)

Technical Data

Segment height

12 mm
12 mm
12 mm
12 mm
12 mm
12 mm
12 mm
12 mm
12 mm
12 mm
12 mm
12 mm



Related Products

- **Motor Cutter K760**
Art.-No. 5319 760



- **Quick-Clamping Nut 115–230**
Art.-No. 5326 115 230



- **Sharpening plate**
Art.-No. 5656 8 320



Diamond blades **DIAMAX** for dry-/wet cutting

DIAMAX TILES

- 7 mm segment thickness
- Super thin for extremely fine cuts

Applications:

- Natural and artificial stone, marble, tiles, porcelain stoneware, concrete, gypsum plasterboard, brick, roof tiles, profiled sheet metal up to 1.2 mm



Article No.	Article Description	QTY
5849 8 115	DTS DIAMAX TILES 115	1
5849 8 125	DTS DIAMAX TILES 125	1
5849 8 150	DTS DIAMAX TILES 150	1
5849 8 180	DTS DIAMAX TILES 180	1
5849 8 200 30	DTS DIAMAX TILES 200 BO30	1
5849 8 230	DTS DIAMAX TILES 230	1

(Ø in mm / BO = hole in mm, if not 22.23 mm)

Technical Data
Segment height
7 mm
7 mm
7 mm
7 mm
7 mm
7 mm

DIAMAX FINE STONEWARE

- 10 mm segment thickness
- New product for extremely hard, fine stoneware and granite
- Ideal for garden and landscape construction as well as tiling

Applications:

- All hard materials and tiles such as fine stoneware (single or double-fired), composite slabs made of fine stoneware / concrete and granite



Article No.	Article Description	QTY
5849 13 115	DTS DIAMAX FINE STONEWARE 115	1
5849 13 125	DTS DIAMAX FINE STONEWARE 125	1
5849 13 200 254	DTS DIAMAX FINE STO.200BO25.4	1
5849 13 230	DTS DIAMAX FINE STONEWARE 230	1
5849 13 250 254	DTS DIAMAX FINE STO.250BO25.4	1
5849 13 300	DTS DIAMAX FINE STO.300B30/254	1
5849 13 350	DTS DIAMAX FINE STO.350B30/254	1

Technical Data
Segment height
10 mm
10 mm
10 mm
10 mm
10 mm
10 mm
10 mm

Cutting Disc steel/Inox CERCORE

- Fe-, S-, Cl-free(≤0,1 %)
- Meets the safety requirements according to EN 12413, ANSI B.7.1, BGV D12 + OSA



Your Advantage / Benefit

- Synthetic resin/ceramic bonded, glass fibre reinforced high-performance disc with highest cutting performance and service life
- Virtually no burrs after cutting profiles, tubes and sheets
- Precise, safe and dimensionally accurate work thanks to high lateral stability
- Stable, crimped design with dimensions 115/125 x 0.8 mm and 230 x 1.9 mm

Application

- Especially suited for the cutting of stainless steel through ceramic bond
- Ideal for machining sheets and profiles up to 10 mm thickness
- Circumferential speed max. 80 m/s



Article No.	Article Description	QTY
5808 5 115 08 1	CUTT.DI.ST/SS CERCORE115/08 5*	g 50
5808 5 115 10 1	CUTT.DI.ST/SS CERCORE115/10 5*	g 50
5808 5 115 16 1	CUTT.DI.ST/SS CERCORE115/16 5*	g 50
5808 5 115 25 1	CUTT.DI.ST/SS CERCORE115/25 5*	g 50
5808 5 125 08 1	CUTT.DI.ST/SS CERCORE125/08 5*	g 50
5808 5 125 10 1	CUTT.DI.ST/SS CERCORE125/10 5*	g 50
5808 5 125 16 1	CUTT.DI.ST/SS CERCORE125/16 5*	g 50
5808 5 125 25 1	CUTT.DI.ST/SS CERCORE125/25 5*	g 50
5808 5 150 16 1	CUTT.DI.ST/SS CERCORE150/16 5*	25
5808 5 150 19 1	CUTT.DI.ST/SS CERCORE150/19 5*	25
5808 5 178 16 1	CUTT.DI.ST/SS CERCORE178/16 5*	25
5808 5 178 25 1	CUTT.DI.ST/SS CERCORE178/25 5*	25
5808 5 230 19 1	CUTT.DI.ST/SS CERCORE230/19 5*	25
5808 5 230 25 1	CUTT.DI.ST/SS CERCORE230/25 5*	25

Related Products

- Angle Grinder D28135
Art. No 5326 125 2



- Ear defenders
Art. No 5402 8



- Fine Dust Mask
Art. No 5403 4000



B-M 20/55W

Material: • HSS steel, undulated teeth

Applications:

- Non-ferrous metal, aluminium 3 – 10mm, mild steel, reinforced hard plastics 3 – 6mm, cement asbestos up to 10mm



Article No.	Article Description	QTY
5721 20 55	SP(10)KEY.SAW BL.B-M20/55W	1
5721P 20 55	HP(25)KEY.SAW BL.B-M20/55W	1

Technical Data

Thickness:	1.0 mm	
Width:	7.8 mm	
Tooth Pitch:	2.0 mm	
Cutting edge length:	55mm	
Equivalents:	Bosch T118B, AEG 254064 Holz-Her MEG50G, Holz-Her 17.4092 Metabo 23638	

B-M 20/105 W-BI

Material:

- Bi-metal, undulated

Applications:

- Non-ferrous metal, aluminium 3 – 10 mm, mild steel, reinforced hard plastics 3 – 6 mm



Article No.	Article Description	QTY
5721 20 105	SP(10)KEY.SAW BL.B-M20/105W-BI	1
5721P 20 105	HP(25)KEY.SAW BL.B-M20/105W-BI	1

Technical Data

Thickness:	1.0mm	
Width:	9.8mm	
Tooth Pitch:	2.0mm	
Cutting edge length:	105mm	
Equivalents:	Bosch T318BF, AEG 274653 Festo 486559	

B-M 30/75 G-BI

Material:

- Bi-metal, straight-set teeth

Applications:

- Steel, non-ferrous metal, aluminium and plastics



Article No.	Article Description	QTY
5721 30 75 2	SP(10)KEY.SAW BL.B-M30/75G-BI	1
5721P 30 75 2	HP(25)KEY.SAW BL.B-M30/75G-BI	1

Technical Data

Thickness:	1.0 mm	
Width:	7.8 mm	
Tooth Pitch:	3.0 mm	
Cutting edge length:	75 mm	
Equivalents:	Bosch T127DF, AEG 340014, Festo 486554, Metabo 23639	

B-U 25/18/75 V-BI

Material:

- Vario toothed, bi-metal, straight-set teeth

Applications:

- Steel, wood with metal residues, formwork board



Article No.	Article Description	QTY
5721 25 18 75	SP(10)KEY.SAW B.B-M25/18/75VBI	1
5721P 25 18 75	HP(25)KEY.SAW B.B-M25/18/75VBI	1

Technical Data

Thickness:	1.0mm	
Width:	9.6mm	
Tooth Pitch:	2.5–1.8mm	
Cutting edge length:	75mm	
Equivalents:	–	

B-U 25/18/105 V-BI

Material:

- Vario toothed, bi metal, straight-set teeth

Application:

- Steel, wood with metal residues, timber



Article No.	Article Description	QTY
5721 25 18 105	SP(10)KE.SAW B.B-U25/18/105VBI	1
5721P 25 18 105	HP(25)KE.SAW B.B-U25/18/105VBI	1

Technical Data

Thickness:	1.0mm	
Width:	9.6mm	
Tooth Pitch:	2.5–1.8mm	
Cutting edge length:	105mm	
Equivalents:	–	

B-H 135/50 KCS

Material:

- HAS steel, conical ground, angular edged teeth

Applications:

- Hardwood, softwood, plywood and wood fibre plates, also plastic coated up to 20mm, moulded material and cardboard – **for cutting curves** –



Article No.	Article Description	QTY
5721 135 50	SP(10)KE.SAW B.B-H135/50CS	1
5721P 135 50	HP(25)KE.SAW B.B-H135/50KCS	1

Technical Data	
Thickness:	1.25mm
Width:	4.7mm
Tooth Pitch:	1.35mm
Cutting edge length:	50mm
Equivalents:	Bosch T101AO, Festo 48 65 64

B-H 25/75 CS

Material:

- HAS steel, ground conically, angular edged teeth

Applications:

- Hardwood, softwood, glued wood, plywood and wood fibre plates up to 50 mm, various soft plastics up to 20 mm



Article No.	Article Description	QTY
5721 25 75	SP(10)KE.SAW B.B-H 25/75CS	1
5721P 25 75	HP(25)KE.SAW B.B-H25/75CS	1

Technical Data	
Thickness:	1.45 mm
Width:	7.8 mm
Tooth Pitch:	2.5 mm
Cutting edge length:	75 mm
Equivalents:	Bosch T101B, AEG 254061 Holz-Her H075F, Holz-Her 17.3967 Metabo 23634

B-H 25/75 CSUS

Material:

- HAS steel, ground conically, angular edged teeth, reversed cutting direction

Applications:

- Hardwood, softwood, plywood and wood fibre plates up to 50 mm, Formica and coated plates, plastics up to 30 mm

Attention: Use without pendulum stroke



Article No.	Article Description	QTY
5721 25 75 1	SP(10)KE.SAW B.B-H25/75CSUS	1
5721P 25 75 1	HP(25)KE.SAW B.B-H25/75CSUS	1

Technical Data	
Thickness:	1.45mm
Width:	7.8mm
Tooth Pitch:	2.5mm
Cutting edge length:	75mm
Equivalents:	Bosch T101BR, Metabo 23650

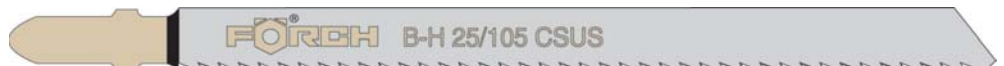
B-H 25/105 CSUS

- Material:** • HAS steel, ground conically, angular edged teeth, reversed cutting direction

Applications:

- Hardwood, softwood, plywood and wood fibre plates up to 90 mm, Formica and coated plates, plastics up to 60 mm

Attention: Use without pendulum stroke



Article No.	Article Description	QTY
5721 25 105	SP(10)KE.SAW B.B-H25/105CSUS	1
5721P 25 105	HP(25)KE.SAW B.B-H25/105CSUS	1

Technical Data	
Thickness:	1.45mm
Width:	7.8mm
Tooth Pitch:	2.5mm
Cutting edge length:	105mm
Equivalents:	-

B-H 30/75 G

- Material:** • HAS steel, teeth straight-set

Applications:

- Softwood up to 50mm, polystyrene, polyamide, soft plastics



Article No.	Article Description	QTY
5721 30 75	(PK10) JIG-S BLADE 3,0/75G WOO	1
5721P 30 75	HP(25)KE.SAW B.B-H30/75G	1

Technical Data	
Thickness:	1.27mm
Width:	9.8mm
Tooth Pitch:	3.0mm
Cutting edge length:	75mm
Equivalents:	Bosch T111C, AEG 254071 Holz-Her H075R, Metabo 23632

B-H 30/105 CS



Material:

- HAS steel, ground conically, angular edged teeth

Applications:

- For chipboard veneered on both sides, hardwood, softwood, glued woods up to 85mm

Article No.	Article Description	QTY
5721 30 105	SP(10)KE.SAW B.B-H30/105CS	1
5721P 30 105	HP(25)KE.SAW B.B-H30/105CS	1

Technical Data

Thickness:	1.45mm
Width:	7.8mm
Tooth Pitch:	3.0mm
Cutting edge length:	105mm
Equivalents:	Bosch T301CD



B-H 40/75 GS



Material:

- HAS steel, teeth straight-set and angular edged

Applications:

- Hardwood and softwood up to 50mm

Article No.	Article Description	QTY
5721 40 75	SP(10)KE.SAW B.B-H40/75GS	1
5721P 40 75	HP(25)KE.SAW B.B-H40/75GS	1

Technical Data

Thickness:	1.27 mm
Width:	7.8 mm
Tooth pitch:	4.0 mm
Cutting edge length:	75 mm
Equivalents:	Bosch T144D, Festo 486563 Holz-Her HW75K, Holz-Her 17.3983 Metabo 23649



B-H 40/75 GS-BI



Material:

- Bi-metal, teeth straight-set and angular edged

Application:

- Hardwood and softwood up to 50mm – **long service life** –

Article No.	Article Description	QTY
5721 40 75 1	SP(10)KE.SAW B.B-H40/75GS-BI	1
5721P 40 75 1	HP(25)KE.SAW B.B-H40/75GS-BI	1

Technical Data

Thickness:	1.27mm
Width:	7.8mm
Tooth Pitch:	4.0mm
Cutting edge length:	75mm
Equivalents:	Bosch T144DF, Festo 486563



B-H 40/75 KGS



- Material:** • HAS steel, teeth straight-set and angular edged

Applications:

- Hardwood and softwood, chipboard up to 50mm
– **For curved cuttings** –

Article No.	Article Description	QTY
5721 40 75 2	SP(10)KE.SAW B.B-H40/75KGS	1
5721P 40 75 2	HP(25)KE.SAW B.B-H40/75KGS	1

Technical Data

Thickness:	1.27mm
Width:	6.5mm
Tooth Pitch:	4.0mm
Cutting edge length:	75mm
Equivalents:	Bosch T244D, Festo 486563 Holz-Her HW75K, Metabo 23649



B-H 40/75 CS



Material:

- HAS steel, ground conically, angular edged teeth

Applications:

- Hardwood, softwood, glued wood, chipboard, plywood and wood fibre plates as well as soft plastics up to 50 mm

Article No.	Article Description	QTY
5721 40 75 3	SP(10)KE.SAW B.B-H40/75CS	1
5721P 40 75 3	HP(25)KE.SAW B.B-H40/75CS	1

Technical Data

Thickness:	1.35 mm
Width:	7.8 mm
Tooth Pitch:	4.0 mm
Cutting edge length:	75 mm
Equivalents:	Bosch T101D, AEG 274351 Holz-Her HO75G, Holz-Her 17.3975 Metabo 23635



B-H 40/75 DCS

Material:

- HAS steel, ground conically and angular edged

Application:

- Hardwood and softwood, plywood and wood fibre plates, coated kitchen and working boards as well as soft plastics up to 50mm- **Very straight and fine cuts -**



Article No.	Article Description	QTY
5721 40 75 4	SP(10)KE.SAW B.B-H40/75DCS	1
5721P 40 75 4	HP(20)KE.SAW B.B-H40/75DCS	1

Technical Data

Thickness:	1.6mm
Width:	7.8mm
Tooth Pitch:	4.0mm
Cutting edge length:	75mm
Equivalents:	Bosch T101DP, Festo 486549 Goldblatt



B-H 40/75 KRGS

Material:

- HAS steel, teeth straight-set and angular edged, toothed both-sided

Application:

- Hardwood and softwood, plywood and wood fibre plates, soft plastics up to 50mm- **For curved cuttings -**



Article No.	Article Description	QTY
5721 40 75 5	SP(10)KE.SAW B.B-H40/75KRGS	1
5721P 40 75 5	HP(25)KE.SAW B.B-H40/75KRGS	1

Technical Data

Thickness:	1.27mm
Width:	6.5mm
Tooth Pitch:	4.0mm
Cutting edge length:	75mm
Equivalents:	AEG 265654



B-H 40/75 DGCS

Material:

- HAS steel ground conically, teeth straight-set and angular edged

Application:

- Hardwood and softwood, glued woods, chipboard, plywood, wood fibre plates up to 60mm- **Fast cuts -**



Article No.	Article Description	QTY
5721 40 75 6	SP(10)KE.SAW B.B-H40/75DGCS	1
5721P 40 75 6	HP(20)KE.SAW B.B-H40/75DGCS	1

Technical Data

Thickness:	1.7mm
Width:	7.8mm
Tooth Pitch:	4.0mm
Cutting edge length:	75mm
Equivalents:	Festo 486551, Goldblatt



B-H 40/105 DGCS

Material:

- HAS steel, conical ground, teeth straight-set and angular edged

Application:

- Hardwood and softwood, glued woods, chipboard, plywood, wood fibre plates up to 85mm - **Fast cuts-**



Article No.	Article Description	QTY
5721 40 105	SP(10)KE.SAW B.B-H40/105DGCS	1
5721P 40 105	HP(20)KE.SAW B.B-H40/105DGCS	1

Technical Data

Thickness:	1.7mm
Width:	7.8mm
Tooth Pitch:	4.0mm
Cutting edge length:	105mm
Equivalents:	Festo 486552, Goldblatt



B-H 40/155 GS

Material:

- HAS steel, teeth straight-set and angular edged

Application:

- Universal saw blade for wood types- **Special length -**



Article No.	Article Description	QTY
5721 40 155	SP(10)KE.SAW B.B-H40/155GS	1

Technical Data

Thickness:	1.27mm
Width:	9.7mm
Tooth Pitch:	4.0mm
Cutting edge length:	155mm
Equivalents:	-



Jig Saw Blades Fein

F-H 30/65 CS

Material:

- HAS steel, blade ground conically, angular edged teeth

Applications:

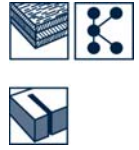
- Hardwood and softwood, glued woods, plywood and wood fibre plates up to 30mm, different soft plastics up to 15mm

Article No.	Article Description	QTY
5721 30 65	SP(10)KEYH.BLF-H 30/65CS	1



Technical Data

Thickness:	1.35mm
Width:	7.0mm
Tooth Pitch:	3.0mm
Cutting edge length:	65mm
Equivalents:	Fein 63503037018



F-M 12/55 W-BI

Material: • Bi-metal, teeth undulated

Applications:

- Steel and sheet metal of 1.5 – 3mm, glass fibre reinforced plastics up to 2mm, moulded material, fabric-base laminate and isolating material up to 8mm

Article No.	Article Description	QTY
5721 12 55 2	SP(10)KEYH.BL.F-M 12/55W-BI	1



Technical Data

Thickness:	1.0mm
Width:	7.9mm
Tooth Pitch:	1.2mm
Cutting edge length:	55mm
Equivalents:	Fein 6350303511



Jigsaw Blades Combi Pack Classic

- The 5 most frequently used jigsaw blades in our product range
- Saw blades ready at hand for many types of cuttings or materials
- High-grade blade types guarantee highest quality cuts
- Can also be used as basic equipment

Article No.	Article Description	QTY
5721P 1	KEYH.SAW BL.COMBI-PACK CLASSIC	1

Equipment		Blade quantity
Blade type / Art.-No.		
5721 25 75		4
5721 40 75 3		4
5721 25 75 1		4
5721 40 75 5		4
5721 12 55 1		4



Jigsaw, Recipro Saw Blades **PROGRESSOR**

Next generation saw blades

- Universally applicable for thin to thick materials progressive tooth pitch
- Both high cutting speed and long service life

B-H Progressor - Wood

Material: • HCS steel, ground conically and with edged teeth (special grinding)

Applications:

- All woods and plate materials 2 – 65 mm



Article No.	Article Description	QTY
5721 20 30 90	SP(10)KEYH.BL.B-H PROGR.WOOD	1
5721P 20 30 90	HP(25)KEYH.BL.B-H PROGR.WOOD	1

Technical Data

Thickness: 1.50 mm
Width: 9.5 mm
Tooth Pitch: 2.0 – 3.0 mm
Cutting edge length: 90 mm
Equivalents: Bosch T234X



B-H Progressor - Metal

Material: • HSS steel, side-set teeth

Applications:

- For metal, sheet metal 1.5 – 10 mm, non-ferrous metal 1.5 – 20 mm
- Stainless steel 1.5 – 3 mm, plastics, also glass fibre reinforced, up to 30 mm



Article No.	Article Description	QTY
5721 12 26 75	SP(10)KEYH.BL.B-M PROGR.METAL	1
5721P 12 26 75	HP(25)KEYH.BL.B-H PROGR.METAL	1

Technical Data

Thickness: 1.0 mm
Width: 8.6 mm
Tooth Pitch: 1.2 – 2.6 mm
Cutting edge length: 75 mm
Equivalents: Bosch T123X



REC. M. Progressor - Metal

Material: • Bi-metal, side-set teeth

Applications:

- For metal, sheets 2 – 8 mm
- Pipes up to 2", non-ferrous metals 2 – 15 mm
- Glass fibre reinforced plastics 2 – 30 mm
- Extra thin version; ideal for battery powered reciprocating saws



Article No.	Article Description	QTY
5734 15 34 130	SP(10)SHEET REC.M.PROGR.META	1
5734P 15 34 130	HP(25)SH.REC.M PROGRESSOR META	1

Technical Data

Thickness: 0.9 mm
Width: 19 mm
Tooth pitch: 1.45 – 3.4 mm
Cutting edge length: 130 mm
Equivalents: –



REC. U. Progressor - Uni

Material: • Bi-metal, side-set teeth

Applications:

- Wood with nail residues, aluminium profile 3 – 18 mm
- Plastics, GRP
- Extra thin version, ideal for battery powered reciprocating saws



Article No.	Article Description	QTY
5734 22 46 130	SP(10)SHEET REC.M.PROGR.UNI	1
5734P 22 46 130	HP(25)SH.REC.M PROGRESSOR UNI	1

Technical Data

Thickness: 0.9 mm
Width: 19 mm
Tooth Pitch: 2.2 – 4.6 mm
Cutting edge length: 130 mm
Equivalents: –



REC. DWS 80/205 Insulation



Material:

- HCS/CV Serrated blade

Applications:

- Mineral wool insulation
- Polystyrene, Styrodur, foams (EPS/PUR)
- Rubber, paper, leather and carpet

Article No.	Article Description	QTY
5734 80 205	SP(5)BL.REC.DWS INSULAT.80/205	1

Technical Data	
Sheet strength:	1.27 mm
Sheet breadth:	19 mm
Flute pitch:	8 mm
Fluted length:	205 mm



REC. DWS 80/280 Insulation




Material: • HCS/CV Serrated blade

Applications:

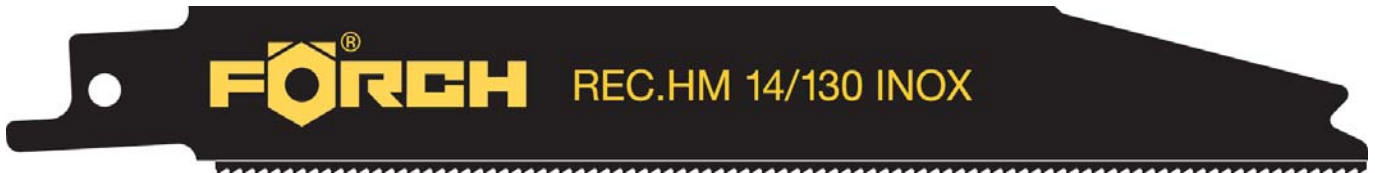
- Mineral wool insulation
- Polystyrene, Styrodur, foams (EPS/PUR)
- Rubber, paper, leather and carpet

Article No.	Article Description	QTY
5734 80 280	SP(5)BL.REC.DWS INSULAT.80/280	1

Technical Data	
Sheet strength:	1.27 mm
Sheet breadth:	19 mm
Flute pitch:	8 mm
Fluted length:	280 mm



REC. HM 14/130 Inox



Material:


- HAS steel with carbide bar

Applications:

- Stainless steel pipes up to 80mm Ø, stainless steel plates from 2 – 4 mm

Article No.	Article Description	QTY
5734 14 130 1	SP(2)BL-REC.HM 14/130 INOX	1

Technical Data	
Thickness:	1.01 mm
Width:	19 mm
Tooth Pitch:	1.4 mm
Cutting edge length:	130 mm
Equivalent:	-



REC. M. 180 HM-Cast



Material:

- Coated with carbide granulate

Applications:

- Cast iron (SML), ceramics and GRP-products

Article No.	Article Description	QTY
5734 180	SP(10)SH.REC.M 180 HM-CASTING	1

Technical Data	
Thickness:	2.2 mm
Width:	19 mm
Tooth Pitch:	-
Cutting edge length:	180 mm
Equivalent:	-



HSS-Bi-Metal Cylinder Cutter

- HSS-Bi metal cylinder cutter can be used for hand drills, box column drills and lathes
- The teeth of HSS-Bi-Metal crown cutter is precisely milled with narrow tolerances
- Optimises cutting of clean, round holes in cast iron, steel, copper, bronze, aluminium, plastics, plasterboard and wood
- Max. cutting depth: 38 mm
- Vario toothing
 - Alternating tpi 4.2 + 6.3 mm (6/4 inch)
 - Low vibration and approx. 45 % higher cutting performance
 - Triple service life
- Reinforced base plate (32 mm Ø with 2-hole interlock)
 - Prevents jiggling and stripping of the thread
 - More thread turns and improved running and precise cutting
- Use Förch Drilling and Cutting Fluid when working metals except cast iron. Enables a clean cut and extends the service life of the cylinder cutter.
- Delivery without mounting shank and centre drill



Article No.	Article Description	QTY
5750 14	BI-METAL CYLINDER CUTTER 14	1
5750 16	BI-METAL CYLINDER CUTTER 16	1
5750 17	BI-METAL CYLINDER CUTTER 17	1
5750 19	BI-METAL CYLINDER CUTTER 19	1
5750 21	BI-METAL CYLINDER CUTTER 21	1
5750 22	BI-METAL CYLINDER CUTTER 22	1
5750 24	BI-METAL CYLINDER CUTTER 24	1
5750 25	BI-METAL CYLINDER CUTTER 25	1
5750 27	BI-METAL CYLINDER CUTTER 27	1
5750 29	BI-METAL CYLINDER CUTTER 29	1
5750 30	BI-METAL CYLINDER CUTTER 30	1
5750 32	BI-METAL CYLINDER CUTTER 32	1
5750 33	BI-METAL CYLINDER CUTTER 33	1
5750 35	BI-METAL CYLINDER CUTTER 35	1
5750 37	BI-METAL CYLINDER CUTTER 37	1
5750 38	BI-METAL CYLINDER CUTTER 38	1
5750 40	BI-METAL CYLINDER CUTTER 40	1
5750 41	BI-METAL CYLINDER CUTTER 41	1
5750 44	BI-METAL CYLINDER CUTTER 44	1
5750 46	BI-METAL CYLINDER CUTTER 46	1
5750 48	BI-METAL CYLINDER CUTTER 48	1
5750 51	BI-METAL CYLINDER CUTTER 51	1
5750 52	BI-METAL CYLINDER CUTTER 52	1
5750 54	BI-METAL CYLINDER CUTTER 54	1
5750 56	BI-METAL CYLINDER CUTTER 56	1
5750 57	BI-METAL CYLINDER CUTTER 57	1
5750 59	BI-METAL CYLINDER CUTTER 59	1
5750 60	BI-METAL CYLINDER CUTTER 60	1
5750 64	BI-METAL CYLINDER CUTTER 64	1
5750 65	BI-METAL CYLINDER CUTTER 65	1
5750 67	BI-METAL CYLINDER CUTTER 67	1
5750 68	BI-METAL CYLINDER CUTTER 68	1
5750 70	BI-METAL CYLINDER CUTTER 70	1
5750 73	BI-METAL CYLINDER CUTTER 73	1
5750 76	BI-METAL CYLINDER CUTTER 76	1
5750 79	BI-METAL CYLINDER CUTTER 79	1
5750 83	BI-METAL CYLINDER CUTTER 83	1
5750 86	BI-METAL CYLINDER CUTTER 86	1
5750 89	BI-METAL CYLINDER CUTTER 89	1
5750 92	BI-METAL CYLINDER CUTTER 92	1
5750 95	BI-METAL CYLINDER CUTTER 95	1
5750 98	BI-METAL CYLINDER CUTTER 98	1
5750 102	BI-METAL CYLINDER CUTTER 102	1
5750 105	BI-METAL CYLINDER CUTTER 105	1
5750 111	BI-METAL CYLINDER CUTTER 111	1
5750 114	BI-METAL CYLINDER CUTTER 114	1
5750 121	BI-METAL CYLINDER CUTTER 121	1
5750 127	BI-METAL CYLINDER CUTTER 127	1
5750 140	BI-METAL CYLINDER CUTTER 140	1
5750 152	BI-METAL CYLINDER CUTTER 152	1

(mm Ø)

Technical Data:

Soft-metal	Tool-steel	Iron	Brass	Aluminium
580	300	400	790	900
550	275	365	730	825
500	250	330	665	750
460	230	300	600	690
425	210	280	560	630
390	195	260	520	585
370	185	245	495	555
350	175	235	470	525
325	160	215	435	480
300	150	200	400	450
285	145	190	380	425
275	140	180	360	410
260	135	175	345	390
250	125	165	330	375
240	120	160	315	360
230	115	150	300	345
220	110	145	290	330
210	105	140	280	315
195	95	130	260	295
190	95	125	250	285
180	90	120	240	270
170	85	115	230	255
165	80	110	220	245
160	80	105	210	240
150	75	100	200	225
150	75	100	200	225
140	70	95	190	220
140	70	95	190	220
135	65	90	180	205
130	65	85	175	200
130	65	85	170	195
130	65	85	165	190
125	60	80	160	185
120	60	80	160	180
115	55	75	150	170
110	55	70	140	165
105	50	70	140	155
100	50	65	130	150
95	45	65	130	145
95	45	60	120	140
90	45	60	120	135
90	45	60	120	135
85	40	55	110	130
80	40	55	110	120
80	40	50	100	120
75	35	50	100	105
70	35	45	90	95
65	30	40	85	90
60	30	35	80	85
55	25	35	75	75

Cylinder Cutter - Centre Drill

Art. No 5751 2: • Quick-change adapter with solid shank, prevents crushing in the drill chuck



Article No.	Article Description	QTY
5751 3	SHANK AS 3	1
5751 2	SHANK AS 2	1

Technical Data	
For hole saw Ø [mm]	Shank Ø [mm]
14 - 30	9.5/hexagon
32 - 152	11.0/hexagon

HSS Center Drills

Art. No 5751 80:
• Suitable for Art. No 5751 3 and 5751 2

Article No.	Article Description	QTY
5751 80	CENTRE DRILL 6.35X80MM	1
5751 105	CENTRE DRILL 6.35X105MM	1

(Length mm)



Extension

• Suitable for Art. No 5751 2 shank AS 2

Article No.	Article Description	QTY
5751 300	EXTENSION 300MM	1

(Length mm)



Ejection Spring

• For ejecting the cut-out work piece

Article No.	Article Description	QTY
5751 10	EJECTION SPRING	1



HSS Bi-Metal Cylinder Cutter Counterbore

- HSS Bi-Metal Cylinder Cutter Counterbore for mounting cavity wall sockets with exact flush surfaces
- The ideal tool-set for electricians
- Hardened counterbore
- Recommended for processing chipboards, wood core plywood, plastic panels, plasterboard and beams

Article No.	Article Description	QTY
5750 68 1	HSS-BI-MET.CY.CUT.COUNTERBO.68 (mm Ø)	1

Contents:

- 1x HSS Bi-Metal Cylinder Cutter Counterbore Ø 68 mm
- 1x Special shank (not available separately) with hexagon SW 13 mm
- 1x Counterbore
- 1x Ejection spring



Fine Saw - Straight

- Length: 250 mm
- For fine cuts in wood
- High-quality
- Coated beechwood handle
- Saw teeth straight-set and edged



Article No.	Article Description	QTY
5702 250 2	FINE SAW - STRAIGHT 250MM	1 s

Fine Saw - Cranked and Adjustable

- Similar to straight fine saw, but with cranked and adjustable handle



Article No.	Article Description	QTY
5702 250	FINE SAW CRANKED+ADJUST.250MM	1 s

Mitre Box

- Length: 300 mm
- Made of beechwood



Article No.	Article Description	QTY
5702 1	MITRE BOX 300MM	1

All-Purpose Saw

- With plastic handle
- Length: 300 mm
- Round tothing at end of blade
- Inductively hardened teeth
 - Extremely long service life
- For sawing of wood and plastics



Article No.	Article Description	QTY
5702 300	ALL PURPOSE SAW 300MM	1 s

Universal Handsaw

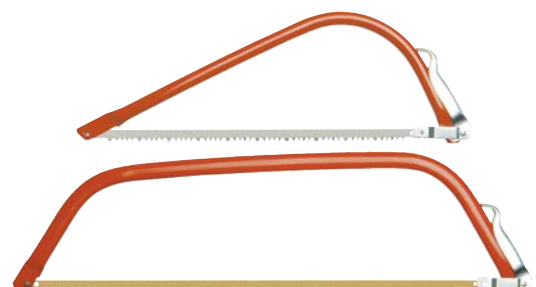
- With anti-slip two-components plastic handle
- Length: 400 mm
- Teeth are ground and inductively hardened
- For ripping and cross-cutting wood of all kinds



Article No.	Article Description	QTY
5702 400	UNIVERSAL HAND SAW 400MM	e 6

Bow Saw

- High-quality, coated steel tube frame
- Blades are easy to change
- For sawing timber, fire, and green wood



Article No.	Article Description	QTY
5702 530	BOW SAWS 530MM	1
5702 530 1	SAW BLADE FOR BOW SAWS 530MM	1
5702 762	BOW SAW 762MM	1
5702 762 1	SAW BLADE FOR BOW SAW 762MM	1

Gardener's Saws

- With safety quiver interchangeable hard chrome-plated high performance saw blade (Japanese shape)
- Comfortable grip
- Saw blade length: 300 mm
- Weight: 355 g



Article No.	Article Description	QTY
4759 6	GARDENER'S SAW	1

Carbide Constructional Saw

- With PTFE anti-adhesive coating - no clamping and jamming
- Saws all cellular concrete stones
- 34 tpi – every second tooth is assembled with hard metal
- Very long service life and easy cutting



Article No.	Article Description	QTY
5702 720	CARB.CON.SAW 34TPI/HM17 720MM	1

Gas Concrete Handsaw

- Longer service life due to inductively hardened teeth
- With PTFE anti-adhesive coating - no jamming and seizing
- Cuts lightweight bricks and plates, cellular concrete stones,



Article No.	Article Description	QTY
5702 740	GAS CONCRETE SAW 740MM	1

Plasterboard Saw

- With beechwood handle
- Length: 175 mm
- Inductively hardened teeth
 - Extremely long service life



Article No.	Article Description	QTY
5702 175	PLASTERBOARD SAW 175MM	1 d

Jab saw

- For cutting plasterboard, gypsum fibreboard, wood and other panelling materials
- Offset toothing, induction-hardened and smoothed, beech wood handle
- Length: 300 mm



Article No.	Article Description	QTY
5702 300 1	JAB SAW 300MM	1

Circular Saw Blade - Reduction Ring

- All FÖRCH circular saw blades with fix drilling can be reduced

Article No.	Article Description	QTY
5748 20 16	REDUCTION RING 20/16	1
5748 30 20	REDUCTION RING 30/20	1
5748 30 25	REDUCTION RING 30/25	1

(Reduction ring of / on mm)



Hand Circular Saw Blade

- Alternating tooth made of hard metal
- For the use in wood and plate material
- Carbide sawing teeth can re-sharpened several times
- For cuts with a claim to top cutting edge quality, service life and smooth running
- Extra robust version
- High-strength hard soldering of carbide saw teeth
- Due to polished surfaces and high axial run-out accuracy a smooth and clean cut is achieved
- Safe and precise fit of the blade
- FÖRCH-Lasertec:
Laser expansion slit for considerably lower vibration when sawing than commercially available circular saw blades



Article No.	Article Description	QTY
5740 130 16 24	CIRC.SAW.BL.HK 130X16 24TEETH	1
5740 134 20 36	CIRC.SAW.BL.HK 134X20 36TEETH	1
5740 160 16 48	CIRC.SAW.BL.HK 160X16 48TEETH	1
5740 160 20 24	CIRC.SAW.BL.HK 160X20 24TEETH	1
5740 160 20 48	CIRC.SAW.BL.HK 160X20 48TEETH	1
5740 160 30 48	CIRC.SAW.BL.HK 160X30 48TEETH	1
5740 165 30 24	CIRC.SAW.BL.HK 165X30 24TEETH	1
5740 180 20 56	CIRC.SAW.BL.HK 180X20 56TEETH	1
5740 180 30 24	CIRC.SAW.BL.HK 180X30 24TEETH	1
5740 184 16 24	CIRC.SAW.BL.HK 184X16 24TEETH	1
5740 184 16 48	CIRC.SAW.BL.HK 184X16 48TEETH	1
5740 190 16 30	CIRC.SAW.BL.HK 190X16 30TEETH	1
5740 190 20 56	CIRC.SAW.BL.HK 190X20 56TEETH	1
5740 190 30 14	CIRC.SAW.BL.HK 190X30 14TEETH	1
5740 190 30 30	CIRC.SAW.BL.HK 190X30 30TEETH	1
5740 190 30 36	CIRC.SAW.BL.HK 195X30 36TEETH	1
5740 190 30 56	CIRC.SAW.BL.HK 190X30 56TEETH	1
5740 210 30 30	CIRC.SAW.BL.HK 210X30 30TEETH	1
5740 210 30 48	CIRC.SAW.BL.HK 210X30 48TEETH	1
5740 230 30 20	CIRC.SAW.BL.HK 230X30 20TEETH	1
5740 230 30 48	CIRC.SAW.BL.HK 230X30 48TEETH	1
5740 235 30 24	CIRC.SAW.BL.HK 235X30 24TEETH	1
5740 235 30 48	CIRC.SAW.BL.HK 235X30 48TEETH	1
5740 240 30 48	CIRC.SAW.BL.HK 240X30 48TEETH	1
5740 270 30 32	CIRC.SAW.BL.HK 270X30 32TEETH	1
5740 270 30 48	CIRC.SAW.BL.HK 270X30 54TEETH	1
5740 350 30 64	CIRC.SAW.BL.HK 350X30 64TEETH	1

(Blade-Ø mm x drill-Ø mm / number of teeth)

Technical Data

Cut breadth	Standard blade thickness	Pinhole drilling quantity / Ø / centre distance
2.4	1.4	-
2.4	1.4	-
2.6	1.6	-
2.6	1.6	-
2.6	1.6	-
2.6	1.6	-
2.6	1.8	-
2.6	1.6	-
2.6	1.6	-
2.6	1.6	-
2.6	1.6	-
2.8	1.8	-
2.8	1.8	-
2.8	1.8	-
2.8	1.8	-
2.8	1.8	2x7/42
2.0	1.2	-
2.8	1.8	-
2.8	1.8	2x7/42
2.8	1.8	2x7/42
2.8	1.8	-
2.8	1.8	-
2.8	1.8	-
3.0	2.0	-
3.0	2.0	-
3.0	2.0	2x7/42 + 2x7/46.4 + 2x10/60
3.0	2.0	2x7/42 + 2x7/46.4 + 2x10/60
3.0	2.0	2x7/42 + 2x7/46.4 + 2x10/60

Twist Drill DIN 338 HSS, Roll Forged Type N

- Cylindrical, short
- Right-hand cutting
- Helical point
- Point angle 118°



Applications:

- For alloyed and unalloyed steel up to approx. 800 N/mm² strength, alloyed and non-alloyed steel, steel, cast steel, grey and malleable cast iron, spheroidal cast iron, sintered metal

Article No.	Article Description	QTY
5500 05	TWIST DRILL 338 ROLL F. 0.5	10
5500 10	TWIST DRILL 338 ROLL F. 1.0	10
5500 15	TWIST DRILL 338 ROLL F. 1.5	10
5500 20	TWIST DRILL 338 ROLL F. 2.0	10
5500 22	TWIST DRILL 338 ROLL F. 2.2	10
5500 25	TWIST DRILL 338 ROLL F. 2.5	10
5500 30	TWIST DRILL 338 ROLL F. 3.0	10
5500 31	TWIST DRILL 338 ROLL F. 3.1	10
5500 32	TWIST DRILL 338 ROLL F. 3.2	10
5500 33	TWIST DRILL 338 ROLL F. 3.3	10
5500 35	TWIST DRILL 338 ROLL F. 3.5	10
5500 37	TWIST DRILL 338 ROLL F. 3.7	10
5500 40	TWIST DRILL 338 ROLL F. 4.0	10
5500 41	TWIST DRILL 338 ROLL F. 4.1	10
5500 42	TWIST DRILL 338 ROLL F. 4.2	10
5500 45	TWIST DRILL 338 ROLL F. 4.5	10
5500 47	TWIST DRILL 338 ROLL F. 4.7	10
5500 48	TWIST DRILL 338 ROLL F. 4.8	10
5500 49	TWIST DRILL 338 ROLL F. 4.9	10
5500 50	TWIST DRILL 338 ROLL F. 5.0	10
5500 51	TWIST DRILL 338 ROLL F. 5.1	10
5500 52	TWIST DRILL 338 ROLL F. 5.2	10
5500 53	TWIST DRILL 338 ROLL F. 5.3	10
5500 55	TWIST DRILL 338 ROLL F. 5.5	10
5500 56	TWIST DRILL 338 ROLL F. 5.6	10
5500 57	TWIST DRILL 338 ROLL F. 5.7	10
5500 60	TWIST DRILL 338 ROLL F. 6.0	10
5500 61	TWIST DRILL 338 ROLL F. 6.1	10
5500 62	TWIST DRILL 338 ROLL F. 6.2	10
5500 65	TWIST DRILL 338 ROLL F. 6.5	10
5500 66	TWIST DRILL 338 ROLL F. 6.6	10
5500 68	TWIST DRILL 338 ROLL F. 6.8	10
5500 70	TWIST DRILL 338 ROLL F. 7.0	10
5500 75	TWIST DRILL 338 ROLL F. 7.5	10
5500 80	TWIST DRILL 338 ROLL F. 8.0	10
5500 85	TWIST DRILL 338 ROLL F. 8.5	10
5500 90	TWIST DRILL 338 ROLL F. 9.0	10
5500 95	TWIST DRILL 338 ROLL F. 9.5	10
5500 100	TWIST DRILL 338 ROLL F. 10.0	10
5500 102	TWIST DRILL 338 ROLL F. 10.2	e 5
5500 105	TWIST DRILL 338 ROLL F. 10.5	e 5
5500 110	TWIST DRILL 338 ROLL F. 11.0	e 5
5500 115	TWIST DRILL 338 ROLL F. 11.5	e 5
5500 120	TWIST DRILL 338 ROLL F. 12.0	e 5
5500 125	TWIST DRILL 338 ROLL F. 12.5	e 5
5500 130	TWIST DRILL 338 ROLL F. 13.0	e 5
5500 135	TWIST DRILL 338 ROLL F. 13.5	e 5
5500 140	TWIST DRILL 338 ROLL F. 14.0	e 5
5500 145	TWIST DRILL 338 ROLL F. 14.5	e 5
5500 150	TWIST DRILL 338 ROLL F. 15.0	e 5
5500 155	TWIST DRILL 338 ROLL F. 15.5	e 5
5500 160	TWIST DRILL 338 ROLL F. 16.0	e 5
5500 165	TWIST DRILL 338 ROLL F. 16.5	e 5
5500 170	TWIST DRILL 338 ROLL F. 17.0	e 5
5500 175	TWIST DRILL 338 ROLL F. 17.5	e 5
5500 180	TWIST DRILL 338 ROLL F. 18.0	e 5
5500 185	TWIST DRILL 338 ROLL F. 18.5	e 5
5500 190	TWIST DRILL 338 ROLL F. 19.0	e 5
5500 195	TWIST DRILL 338 ROLL F. 19.5	e 5
5500 200	TWIST DRILL 338 ROLL F. 20.0	e 5

Technical Data		
Ø mm	Length mm	Groove length mm
0.5	22	5
1.0	34	12
1.5	40	18
2.0	49	24
2.2	53	27
2.5	57	30
3.0	61	33
3.1	65	36
3.2	65	36
3.3	65	36
3.5	70	39
3.7	70	39
4.0	75	43
4.1	75	43
4.2	75	43
4.5	80	47
4.7	86	52
4.8	86	52
4.9	86	52
5.0	86	52
5.1	86	52
5.2	86	52
5.3	86	52
5.5	93	57
5.6	93	57
5.7	93	57
6.0	93	57
6.1	101	63
6.2	101	63
6.5	101	63
6.6	101	63
6.8	109	69
7.0	109	69
7.5	109	69
8.0	117	75
8.5	117	75
9.0	125	81
9.5	125	81
10.0	133	87
10.2	133	87
10.5	133	87
11.0	142	94
11.5	142	94
12.0	151	101
12.5	151	101
13.0	151	101
13.5	160	108
14.0	160	108
14.5	169	114
15.0	169	114
15.5	178	120
16.0	178	120
16.5	184	125
17.0	184	125
17.5	191	130
18.0	191	130
18.5	198	135
19.0	198	135
19.5	205	140
20.0	205	140

Step Drill HSS

- For precise and burr-free drilling and grinding of sheets, pipes and profiles up to max. 6 mm material strength
- With 2 edges and solid centring point
- Shank with three phases prevents inside spinning of the drill chuck

Art.-No. 5522 12 / 5522 13:

- Without centre point

Technical Data

Art.-No.	Grading Ø in mm
5522 11	4.0 / 5.0 / 6.0 / 7.0 / 8.0 / 9.0 / 10.0 / 11.0 / 12.0
5522 12	12.0 / 13.0 / 14.0 / 15.0 / 16.0 / 17.0 / 18.0 / 19.0 / 20.0
5522 13	20.0 / 21.0 / 22.0 / 23.0 / 24.0 / 25.0 / 26.0 / 27.0 / 28.0 / 29.0 / 30.0
5522 22	4.0 / 6.0 / 8.0 / 10.0 / 12.0 / 14.0 / 16.0 / 18.0 / 20.0
5522 23	4.0 / 6.0 / 8.0 / 10.0 / 12.0 / 14.0 / 16.0 / 18.0 / 20.0 / 22.0 / 24.0 / 26.0 / 28.0 / 30.0
5522 31	6.0 / 9.0 / 12.5 (PG7) / 15.2 (PG9) / 18.6 (PG11) / 20.4 (PG13.5) / 22.5 (PG16) / 26.0 / 28.3 (PG21) / 30.5 / 34.0 / 37.0 (PG29)



Article No.	Article Description	QTY
5522 11	STEP DRILL 1-P 4-12MM S 6MM	1
5522 12	STEP DRILL 1-P 12-20MM S 9MM	1
5522 13	STEP DRILL 1-P 20-30MM S 12MM	1
5522 22	STEP DRILL 2-PCS 4-20MM S 8MM	1
5522 23	STEP DRILL 2-PCS 4-30MM S 10MM	1
5522 31	STEP DRILL 3-PCS 9-36MM S 12MM	1

(Pitch / drill steps / S = Ø-shank mm)

Step Drill HSS for Metric Cable Screw Connections

- For the core hole and the clearance hole of metrical cable screw connections in accordance with DIN/EN 60423 and DIN/EN 50262
- With spiral groove and fixed centring tip with split point
- 2-blade geometry
- Laser scaling
- Shaft with 3 bevels prevents slipping in the chuck

Technical Data

Thread	5522 16 Ø thread core hole	5522 17 Ø through-hole
M6 × 0.75	5.3 mm	6.5 mm
M8 × 1.0	7.0 mm	8.5 mm
M10 × 1.0	9.0 mm	10.5 mm
M12 × 1.5	10.5 mm	12.5 mm
M16 × 1.5	14.5 mm	16.5 mm
M20 × 1.5	18.5 mm	20.5 mm
M25 × 1.5	23.5 mm	25.5 mm
-	27.0 mm	29.0 mm
M32 × 1.5	30.5 mm	32.5 mm
-	34.5 mm	38.5 mm
M40 × 1.5	38.5 mm	40.5 mm



Article No.	Article Description	QTY
5522 16	STEP DRILL HSS 5.3-38.5MM S10	1
5522 17	STEP DRILL HSS 6.5-40.5MM S10	1

(Drill steps / S = Ø shaft mm)

Step Drill HSS-TIAN with Edge Breaker

- With Titanium-Aluminium-Nitride-coating
- For exact and ridge-free drilling and attrition of sheets, pipes and profiles up to a material thickness of 6 mm, e.g. construction steel, CrNi-steel, NF-metals, plexiglass, plastic and stainless steel sheets up to 1.5 mm
- The de-ridging zone on the 10-mm-Ø level enables even and double-sided de-ridging (edge-breaker) up to a material thickness of 1.5 mm
- 2 deep-ground and spiral-shaped flutes ensure calmer drilling, high cutting performance, longer lifetime and better chip removal
- CBN ground drill bits with cross cut as per DIN 1412C enables thin-walled materials to be aligned and centered as well
- Step length: 4 mm, total length: 98 mm
- Drill-Ø in the flute signed by laser
- Drill levels - division : Ø 6 / 8 / 10 / 12 / 14 / 16 / 18 / 20 / 22 / 24 / 26 / 28 / 30 mm
- Special shaft Ø 10 mm with 3 phases prevents spinning in chuck



Article No.	Article Description	QTY
5522 24	STEP DRILL CB T.2 6-30MM S10MM	1

Step Drill HSS with Chip Breaker

- For precise and burr-free drilling and grinding of sheets, pipes and profiles up to max. 6 mm material strength
- Shank with three phases prevents spinning inside the drill chuck
- Deburring zone on 10 mm Ø step, simultaneous and double-sided deburring (chip breaking) of drilled and long holes in sheets with max. 1.5 mm strength



Article No.	Article Description	QTY
5522 10	STEP DRILL CB D.1 4-12MM S 6MM	1
5522 20	STEP DRILL CB D.2 4-20MM S 8MM	1

Technical Data	
Art.-No.	Grading Ø in mm
5522 10	4.0 / 5.0 / 6.0 / 7.0 / 8.0 / 9.0 / 10.0 / 11.0 / 12.0
5522 20	4.0 / 6.0 / 8.0 / 10.0 / 12.0 / 14.0 / 16.0 / 18.0 / 20.0

(Pitch / drill steps / S = Ø-shank mm)

Step Drill Set HSS

- 3 pieces in plastic drill box

Article No.	Article Description	QTY
5529 5522	STEP DRILL BOX 3-PIECES	1

Contents:

- Each 1x step drill HSS with chip breaker
Ø 4 – 12 / 4 – 20 / 6 – 30 mm



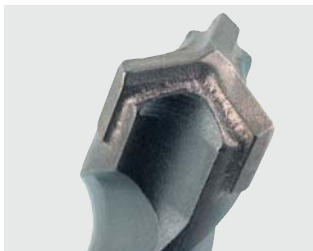
Hammer drill with SDS-plus TRIAL



- Innovative 3-edged drill head with chamfered drill flute
- Self-centring drill bit
- Self-sharpening and specially soldered carbide plate
- Temperature resistant up to +1,100°C
- Fits into all hammer drills with SDS-plus chuck (licence Bosch, Hilti TE system)
- Permanently aggressive drilling behaviour
- Long service life and high drilling speed when drilling in concrete reinforcement, cuts costs
- Low-vibration, so easier on the joints

Your Advantage / Benefit

- Can be used in the hardest materials such as granite and marble
- Does not catch when hitting reinforcing steel, so longer lifespan
- Circular holes thanks to centre point and the three cutting lips
- Does not drift when starting drilling
- More drill holes suitable for anchors, thereby saving time



Trial HM-plate



Chamfered Coil System

Application



Article No.	Article Description	QTY
5613 5 110	SDS+HA-DR TRIAL 5X110/50 5*	1 ü
5613 5 160	SDS+HA-DR TRIAL 5X160/100 5*	1 ü
5613 6 110	SDS+HA-DR TRIAL 6X110/ 50 5*	1
5613 6 160	SDS+HA-DR TRIAL 6X160/100 5*	1
5613 6 210	SDS+HA-DR TRIAL 6X210/150 5*	1
5613 6 260	SDS+HA-DR TRIAL 6X260/200 5*	1
5613 6 310	SDS+HA-DR TRIAL 6X310/250 5*	1
5613 65 160	SDS+HA-DR TRIAL 6.5X160/100 5*	1
5613 65 210	SDS+HA-DR TRIAL 6.5X210/150 5*	1
5613 65 260	SDS+HA-DR TRIAL 6.5X260/200 5*	1
5613 65 310	SDS+HA-DR TRIAL 6.5X310/250 5*	1
5613 65 460	SDS+HA-DR TRIAL 6.5X460/400 5*	1
5613 7 160	SDS+HA-DR TRIAL 7X160/100 5*	1
5613 7 210	SDS+HA-DR TRIAL 7X210/150 5*	1
5613 7 260	SDS+HA-DR TRIAL 7X260/200 5*	1
5613 8 110	SDS+HA-DR TRIAL 8X110/ 50 5*	1
5613 8 160	SDS+HA-DR TRIAL 8X160/100 5*	1
5613 8 210	SDS+HA-DR TRIAL 8X210/150 5*	1
5613 8 260	SDS+HA-DR TRIAL 8X260/200 5*	1
5613 8 310	SDS+HA-DR TRIAL 8X310/250 5*	1
5613 8 460	SDS+HA-DR TRIAL 8X460/400 5*	1
5613 8 610	SDS+HA-DR TRIAL 8X610/550 5*	1
5613 10 160	SDS+HA-DR TRIAL 10X160/100 5*	1
5613 10 210	SDS+HA-DR TRIAL 10X210/150 5*	1
5613 10 260	SDS+HA-DR TRIAL 10X260/200 5*	1
5613 10 310	SDS+HA-DR TRIAL 10X310/250 5*	1
5613 10 460	SDS+HA-DR TRIAL 10X460/400 5*	1
5613 10 610	SDS+HA-DR TRIAL 10X610/550 5*	1

(Ø x total length / working length mm)

Article No.	Article Description	QTY
5613 12 160	SDS+HA-DR TRIAL 12X160/100 5*	1
5613 12 210	SDS+HA-DR TRIAL 12X210/150 5*	1
5613 12 260	SDS+HA-DR TRIAL 12X260/200 5*	1
5613 12 310	SDS+HA-DR TRIAL 12X310/250 5*	1
5613 12 460	SDS+HA-DR TRIAL 12X460/400 5*	1
5613 12 610	SDS+HA-DR TRIAL 12X610/550 5*	1
5613 14 160	SDS+HA-DR TRIAL 14X160/100 5*	1
5613 14 210	SDS+HA-DR TRIAL 14X210/150 5*	1
5613 14 260	SDS+HA-DR TRIAL 14X260/200 5*	1
5613 14 310	SDS+HA-DR TRIAL 14X310/250 5*	1
5613 14 460	SDS+HA-DR TRIAL 14X460/400 5*	1
5613 14 610	SDS+HA-DR TRIAL 14X610/550 5*	1
5613 15 160	SDS+HA-DR TRIAL 15X160/100 5*	1
5613 15 210	SDS+HA-DR TRIAL 15X210/150 5*	1
5613 15 460	SDS+HA-DR TRIAL 15X460/400 5*	1
5613 16 210	SDS+HA-DR TRIAL 16X210/150 5*	1
5613 16 310	SDS+HA-DR TRIAL 16X310/250 5*	1
5613 16 460	SDS+HA-DR TRIAL 16X460/400 5*	1
5613 16 610	SDS+HA-DR TRIAL 16X610/550 5*	1
5613 18 210	SDS+HA-DR TRIAL 18X210/150 5*	1
5613 18 310	SDS+HA-DR TRIAL 18X310/250 5*	1
5613 18 460	SDS+HA-DR TRIAL 18X460/400 5*	1
5613 18 610	SDS+HA-DR TRIAL 18X610/550 5*	1
5613 20 210	SDS+HA-DR TRIAL 20X210/150 5*	1
5613 20 310	SDS+HA-DR TRIAL 20X310/250 5*	1
5613 20 460	SDS+HA-DR TRIAL 20X460/400 5*	1
5613 20 610	SDS+HA-DR TRIAL 20X610/550 5*	1

(Ø x total length / working length mm)

Related Products

- Hammer drill SDS-plus TRIAL **FÖRCH** **VAROIBOXX** Art.-No. 9007 5613 1



- Hammer drill TRIAL 7-parts Art.-No. 5609 5613 7



- "Alpha" clear safety glasses Art.-No. 5400 901 1



Hammer drills in pack TRIAL

Article No.	Article Description	QTY
5613P 6 110	P(10)SDS+HADR-TR. 6X110/50 5*	1
5613P 6 110 25	P(25)SDS+HADR-TR. 6X110/50 5*	1
5613P 6 160	P(10)SDS+HADR-TR. 6X160/100 5*	1
5613P 6 160 25	P(25)SDS+HADR-TR. 6X160/110 5*	1
5613P 6 210	P(10)SDS+HADR-TR. 6X210/150 5*	1
5613P 6 210 25	P(25)SDS+HADR-TR. 6X210/150 5*	1
5613P 6 260	P(10)SDS+HADR-TR. 6X260/200 5*	1
5613P 6 260 25	P(25)SDS+HADR-TR. 6X260/200 5*	1
5613P 65 160	P(10)SDS+HDR-TR. 6.5X160/100 5*	1
5613P 65 210	P(10)SDS+HDR-TR. 6.5X210/150 5*	1
5613P 65 260	P(10)SDS+HDR-TR. 6.5X260/200 5*	1
5613P 65 260 25	P(25)SDS+HDR-TR. 6.5X260/200 5*	1
5613P 7 160	P(10)SDS+HADR-TR. 7X160/100 5*	1
5613P 7 210	P(10)SDS+HADR-TR. 7X210/150 5*	1
5613P 7 260	P(10)SDS+HADR-TR. 7X260/200 5*	1
5613P 8 110	P(10)SDS+HADR-TR. 8X110/50 5*	1
5613P 8 110 25	P(25)SDS+HADR-TR. 8X110/ 50 5*	1
5613P 8 160	P(10)SDS+HADR-TR. 8X160/100 5*	1
5613P 8 160 25	P(25)SDS+HADR-TR. 8X160/100 5*	1
5613P 8 210	P(10)SDS+HADR-TR. 8X210/150 5*	1
5613P 8 210 25	P(25)SDS+HADR-TR. 8X210/150 5*	1
5613P 8 260	P(10)SDS+HADR-TR. 8X260/200 5*	1
5613P 8 260 25	P(25)SDS+HADR-TR. 8X260/200 5*	1
5613P 10 160	P(10)SDS+HADR-TR. 10X160/100 5*	1
5613P 10 160 25	P(25)SDS+HDR.-TR. 10X160/110 5*	1
5613P 10 210	P(10)SDS+HADR-TR. 10X210/150 5*	1
5613P 10 210 25	P(25)SDS+HDR.-TR. 10X210/150 5*	1
5613P 10 260	P(10)SDS+HADR-TR. 10X260/200 5*	1
5613P 10 260 25	P(25)SDS+HDR.-TR. 10X260/200 5*	1
5613P 12 160	P(10)SDS+HADR-TR. 12X160/100 5*	1
5613P 12 160 25	P(25)SDS+HADR-TR. 12X160/110 5*	1
5613P 12 210	P(10)SDS+HADR-TR. 12X210/150 5*	1
5613P 12 210 25	P(25)SDS+HDR.-TR. 12X210/150 5*	1
5613P 12 260	P(10)SDS+HADR-TR. 12X260/200 5*	1
5613P 12 260 25	P(25)SDS+HDR.-TR. 12X260/200 5*	1
5613P 14 160	P(10)SDS+HADR-TR. 14X160/100 5*	1
5613P 14 210	P(10)SDS+HADR-TR. 14X210/150 5*	1
5613P 14 260	P(10)SDS+HADR-TR. 14X260/200 5*	1
5613P 15 210	P(10)SDS+HADR-TR. 15X210/150 5*	1
5613P 16 210	P(10)SDS+HADR-TR. 16X210/150 5*	1
5613P 18 210	P(10)SDS+HADR-TR. 18X210/150 5*	1
5613P 20 210	P(10)SDS+HADR-TR. 20X210/150 5*	1



(Ø × total length / working length mm)

Hammer drill TRIAL window construction



- SDS-plus
- Reinforced shaft without helix, with conical transition to insertion, prevents breakage of the drill



Article No.	Article Description	QTY
5613 6 210 1	SDS+HA.DR.TRIAL 6X210/90 5*	1
5613 6 260 1	SDS+HA.DR.TRIAL 6X260/120 5*	1
5613 65 210 1	SDS+HA.DR.TRIAL 6.5X210/90 5*	1
5613 65 260 1	SDS+HA.DR.TRIAL 6.5X260/120 5*	1

Technical Data	
Max. drilling depth	90
	120
	90
	120

(Ø × total length / working length mm)

Chisel with SDS plus shank

- For light hammer and impact drills with SDS plus shank
- Suitable for renovations and restorations
- High-quality special steel, shot-blasted and extremely hard surface, with tough core for optimum service life and enhanced shatter-resistance

Main users:

- Plumbing, electrical trade, workshops, plastering

Pointed chisel:

- Suitable for tough materials
- Force effect focussed on one point
- 30 % increase in product life
- 15 % increase in removal rate

Flat chisel:

- Suitable for medium-hard materials
- Additional crack edges
- 30 % longer product life
- 15 % increase in removal rate

Spade chisel:

- Suitable for removing plaster from walls and masonry, loosening soil, screed and bitumen
- Self-sharpening
- 30 % increase in removal rate
- 100 % increase in product life

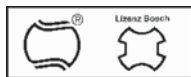
Tile chisel:

- Suitable for removing tiles and may be used with light masonry
- Contoured and self-sharpening
- 30 % increase in removal rate

Your Advantage / Benefit

- Self-sharpening for longer product life
- 15 – 30 % higher removal rate
- No sharpening, reforging or rehardening necessary
- Consistently high removal rate

Application



Article No.	Article Description	QTY
5654 250 5	SDS-PLUS POINTED CHISEL 250 5*	1 g
5654 20 250 5	SDS-PLUS FLAT CHISEL 20X250 5*	1 g
5654 40 250 5	SDS-PLUS SPADE CHISEL40X250 5*	1 w
5654 40 260 5	SDS-PLUS TILE CHISEL 40X260 5*	1 w

Chisel with SDS-Max shank

- For hammer and impact drills with SDS max shank
- Suitable for renovations, restorations, breakthroughs, chiselling and demolition work
- High-quality special steel, shot-blasted and extremely hard surface, with tough core for optimum service life and enhanced shatter-resistance
- Self-sharpening chiselling technique using special cutting geometry for a long-term high removal rate and long product life
- 15 – 30 % higher removal rate

Main users:

- Road builders, plumbing, electrical trade, workshops, building yards, building construction, civil engineering, plastering

Pointed chisel:

- Suitable for tough materials
- Increased snap twist due to radial cuts
- With a technology that converts kickback power into impact power and therefore looks after both operators and the machine

Flat chisel:

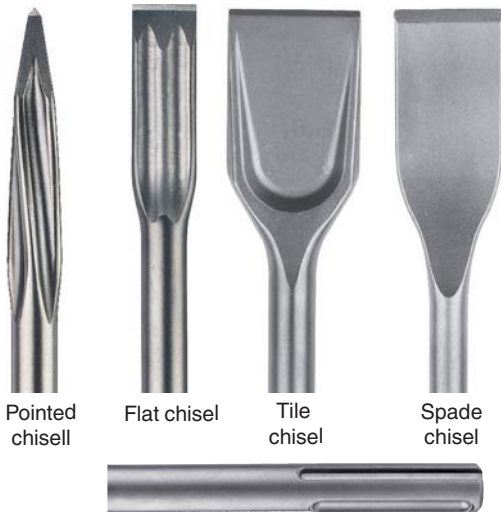
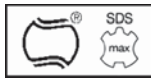
- Suitable for medium-hard materials
- Increased snap twist due to snap ribs
- With a technology that converts kickback power into impact power and therefore looks after both the people and the machine
- 100 % increase in product life due to longer blade length

Spade chisel:

- Suitable for removing plaster from walls and masonry, loosening soil, screed and bitumen
- 100 % increase in product life due to longer blade length

Tile chisel:

- Suitable for removing tiles and may be used with light masonry
- 100 % increase in product life due to longer blade



Your Advantage / Benefit

- Self-sharpening for longer product life
- 15 – 30 % higher removal reate
- No sharpening, reforging or rehardening necessary
- Consistently high removal rate

Application



Article No.	Article Description	QTY
5650 400 5	SDS-MAX POINTED CHISEL 400 5*	e 10
5650 25 400 5	SDS-MAX FLAT CHISEL 25X400 5*	1 z
5650 50 350 5	SDS-MAX SPADE CHISEL 50X350 5*	1 z
5650 50 300 5	SDS-MAX TILE CHISEL 50X300 5*	1 z

Moisture Barrier Aluminium SD 1500

- PE-aluminium-encapsulated moisture barrier for damp-proof construction
- vapour diffusion-tight, S_d value >1,500 m
- tough and tear-resistant
- Strip width 1.5 m
- Roll length 100 m
- to ensure air-tightness, we recommend Klimastar system adhesives

Technical Data			
Testing	Measured value	Unit	Standard
Basis weight:	128	g/m ²	EN 1849-2
	lengthw./crossw.		
Thickness:	0.11	mm	EN 1849
Tear resistance:	450 430	N/50 mm	EN 12311-1
Elongation at fracture:	20 20	%	EN 12311-1
Nail removal resistance (I/q):	430 450	N	EN 12310-1
Water vapour permeability:	not measurable	g/m ² *d	ASTMF-1249-90
Water-tightness:	W1	class	EN 13111
S_dvalue:	> 1,500	m	EN 1931
Fire behaviour:	F		EN 1350-1
Temperature resistance:	-40 to +80	°C	



Article No.	Article Description	QTY
8848 1500	QM<150>MO.BARRIER ALU SD 1500	150

PE Damp-proof Membrane 125

- PE damp-proof membrane 125 with high blocking performance for high damp diffusion requirements in living spaces
- prevents penetration of moisture into insulation from room interior
- **PE film with enhanced surface tension for optimum adhesion**
- tough and tear-resistant
- Damp-proof membrane can also be laid between screed and parquet (floating)
- Material: Polyethylene
- Single-layer structure with flame retardant
- Colour: white
- Dimension: 4 x 25 m
- Thickness: 125 μ
- Test certificate for water vapour permeability MPA TU Brunswick

ibMB MPA
TU BRAUNSCHWEIG

Technical Data			
Testing	Meas. value	Unit	Standard
Density:	approx. 0.95	g/cm ³	DIN 53479
Longitudinal tensile strength:	> 23	N/mm ²	DIN EN ISO 527-3
Lateral tensile strength:	> 20	N/mm ²	DIN EN ISO 527-3
Elongation at fracture longitu.:	> 250	%	DIN EN ISO 527-3
Elongation at fracture latera.:	> 400	%	DIN EN ISO 527-3
Dart Drop:	> 1.5	g/ μ m	ASTM D 1709
Sliding friction coefficient:	0.20 – 0.60		DIN EN ISO 8295
Water vapour permeability:	< 0.41	g/m ² *d	DIN EN ISO 12572
SD value:	> 100	m	DIN EN ISO 12572
Fire class:	E (B2)		DIN EN 13501-1



Article No.	Article Description	QTY
8848 4 25 125	QM<100>DAMP PR.MEMB 4X25M 125M	100

PE Damp-proof Membrane 200

- PE damp-proof membrane 200 with high blocking performance and durable film for high damp diffusion requirements in living spaces
- prevents penetration of moisture into insulation from room interior
- **PE film with enhanced surface tension for optimum adhesion**
- extremely tough and tear-resistant
- Damp-proof membrane can also be laid between screed and parquet (floating)
- Material: Polyethylene
- Single-layer structure with flame retardant
- Colour: blue
- Dimension: 4 × 25 m
- Thickness: 200 μ
- Test certificate for water vapour permeability MPA TU Brunswick

iBMB **MPA**
TU BRAUNSCHWEIG



Technical Data

Testing	Value	Unit	Standard
Density:	0.2	mm	DIN 53370
MFI:	0.3 – 1.0	g/10 min	DIN EN ISO 1133
Longitudinal tensile strength:	> 17	N/mm ²	DIN EN ISO 527-3
Lateral tensile strength:	> 15	N/mm ²	DIN EN ISO 527-3
Elongation at fracture longitu.:	> 250	%	DIN EN ISO 527-3
Elongation at fracture lateral.:	> 400	%	DIN EN ISO 527-3
Dart Drop:	> 2	g/μm	ASTM D 1709
Sliding friction coefficient:	0.20 – 0.60		DIN EN ISO 8295
Water vapour permeability:	< 0.41	g/m ² *d	DIN EN 1931
SD value:	> 100	m	DIN EN 19312
Fire class:	E (B2)		DIN EN 13501-1

Article No.	Article Description	QTY
8848 4 25 200	QM<100>DAMP-PR.MEMB4X25M 200M	100

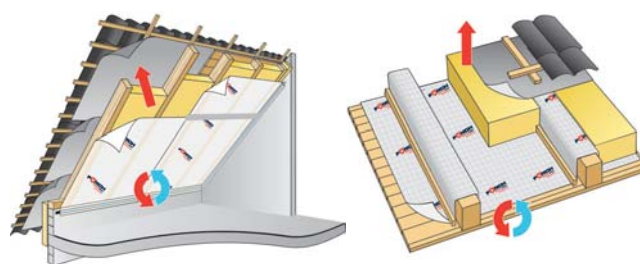
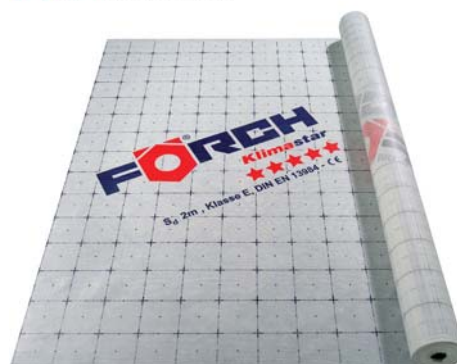
Damp-Proof Membrane SD2 *Klimastar*

- For permeable construction
- Suitable for renovation or new construction
- Airtight fleece-laminated damp-proof membrane for modern indoor and roof construction in accordance with the newest EnEV guidelines for the construction of homes
- Damp-regulating properties encourage the re-drying of insulated roof timbers in summer and protect against winter condensation
- Easy installation due to grid markings
- Durable and tear-resistant
- Maintains its shape, ensuring perfect adaptation
- Polyolefin film with PP spun fleece
- Testing certificate for water vapour permeability MPA Braunschweig

Your Advantage / Benefit

- Inhibits diffusion
- Damp-regulating properties
- For use under rafters and trough-shaped on the outside for renovation
- May be re-dried
- Grid markings serve as cutting aids

Application



Damp diffusion spring / summer



Damp diffusion autumn / winter



Technical Data	
Properties	Test procedure
Dimension	
- Length:	50 m
- Width:	1.5 / 3.0 m
- Surface weight:	EN 1849-2 90 g/m ²
Mechanical values	
- Tear-resistance lengthwise:	EN 13859-1 > 140 N/50 mm
- Tear-resistance laterally:	EN 13859-1 > 130 N/50 mm
- Elongation at break lengthwise:	EN 13859-1 > 50 %
- Elongation at break laterally:	EN 13859-1 > 50 %
- Nail shaft lengthwise:	EN 13859-1 > 80 N
- Nail shaft laterally:	EN 13859-1 > 80 N
Diffusion properties	
Diffusion equivalent	
- Air layer thickness (sd value):	EN 1931:2000 > 2 m
- Water tightness:	EN 1928 Passed
Fire behaviour	
EN 13501-1 Class E	
UV stability	
- Interior area:	18 months
- Natural weathering:	3 months

Article No.	Article Description	QTY
8848 2 75	QM<75>DB KLIMASTAR SD2 1.5X50M	75
8848 2 150	M2<150>DB KLIMAST. SD2 3X50M	150

Related Products

- **Klimastar System Adhesive Tape**
Art. No. 8848 2 75 1
Art. No. 8848 2 75 100
Art. No. 8848 2 75 150



- **Klimastar System Adhesive**
Art. No. 6880 20 310 / 600

- Art. No. 6880 20 310: Cartridge, content 310 ml
- Art. No. 6880 20 600: Bag, content 600 ml



- **Air-Tight Cuffs AGR 8844**



- **Renovation Strip Klimastar**
Art. No. 8848 2 1525



Damp-proof Film SD 2 *Klimastar* Plus

- 3-layer with integrated mesh weave
- Diffusion inhibiting
- For permeable structures
- Approved for use of the blow-in technique with cellulose
- Suitable for renovation construction and new-build applications
- Air-tight fleece laminated damp-proof membrane for modern interior and roof extensions in accordance with the latest EnEV directives for apartment construction
- Moisture-regulating properties facilitate re-drying of the insulated roof structure in summer and protects from the formation of condensation in winter
- Easy to lay thanks to grid marking
- Tough and highly tear-resistant
- Dimensionally stable, permitting perfect alignment
- Polyolefin film with scrim reinforcement and PP spun-bonded fabric
- Test certificate for water vapour permeability MPA Brunswick

Your Advantage / Benefit

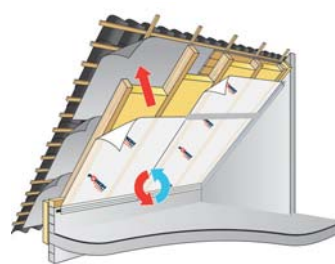
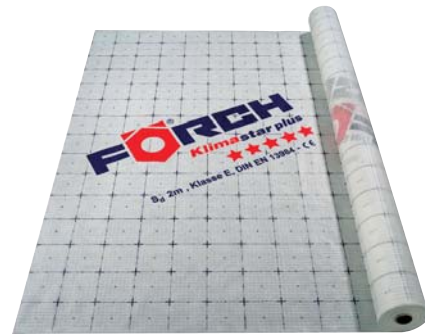
- Diffusion inhibiting
- The fabric reinforcement facilitates use in connection with cavity wall insulation
- Dampness-regulating properties
- For use under the rafters and for renovation trough-shaped from the outside
- Re-drying possible
- Grid marks act as a cutting aid

Application

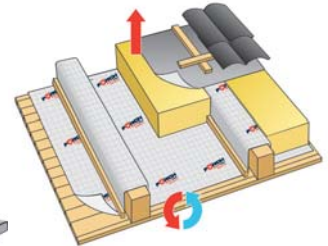


Technical Data

Properties	Test procedure
Dimension	
- Length:	50 m
- Width:	1.5 / 3.0 m
- Surface weight:	110 g/m ²
Mechanical values	EN 1849-2
- Tear-resistance lengthwise:	190 N/50 mm
- Tear-resistance laterally:	EN 13859-1 270 N/50 mm
- Elongation at break lengthw.:	EN 13859-1 > 10 %
- Elongation at break laterally:	EN 13859-1 > 10 %
- Nail shaft lengthwise:	EN 13859-1 170 N
- Nail shaft laterally:	EN 13859-1 170 N
Diffusion properties	EN 13859-1
Diffusion equivalents:	
- Air layer thickness (sd value):	> 2 m
- Water tightness:	EN 1931:2000 passed class E
Fire behaviour	EN 1928
UV stability	EN 13501-1
- Interior area:	EN 1296 18 months
- Natural weathering:	3 months



Damp diffusion spring / summer



Damp diffusion autumn / winter

Article No.	Article Description	QTY
8848 2 75 0	QM<75>D.P.KLIMA SD2 1.5X50M 5*	75
8848 2 150 0	QM<150>D.P.KLIMA SD2 3X50M 5*	150

Related Products

- **Klimastar System Adhesive Tape**
Art. No. 8848 2 75 1
Art. No. 8848 2 75 100
Art. No. 8848 2 75 150



- **Klimastar System Adhesive**
Art. No. 6880 20 310 / 600

- Art. No. 6880 20 310: Cartridge, content 310 ml
- Art. No. 6880 20 600: Bag, content 600 ml



- **Air-Tight Cuffs AGR 8844**



- **Renovation Strip Klimastar**
Art. No. 8848 2 1525

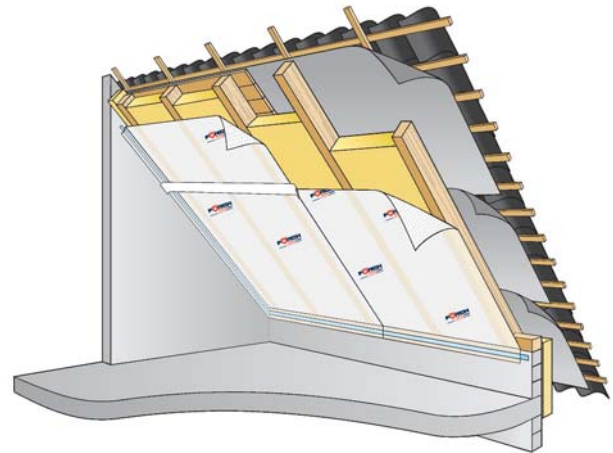


Damp-proof Film SD 20 *Klimastar*

- Diffusion-inhibiting damp-proof membrane with increased Sd value
- Ideal in conjunction with PU roof insulation or for timber frame construction
- Air-tight fleece laminated damp-proof membrane for modern interior and roof extensions acc. to the latest EnEV directives for apartment construction
- Easy to lay thanks to grid marking
- Tough and tear-resistant
- Dimensionally stable, permitting perfect alignment
- Fleece-clad copolymer film
- Test certificate for water vapour permeability MPA TU Brunswick



Technical Data		Test procedure
Properties		
Dimension		
- Length:		50 m
- Width:		1.5 m
- Surface weight:	EN 1849-2	100 g/m ² ±10 %
Mechanical values		
- Tear-resistance lengthwise:	EN 13859-1	≥150 N/50 mm
- Tear-resistance laterally:	EN 13859-1	≥130 N/50 mm
- Elongation at break lengthw.:	EN 13859-1	≥50 %
- Elongation at break laterally:	EN 13859-1	≥50 %
- Nail shaft lengthwise:	EN 13859-1	≥80 N
- Nail shaft laterally:	EN 13859-1	≥80 N
Diffusion properties		
Diffusion equivalents:		
- Air layer thickn. (sd value):	EN 1931:2000	26 ± 8 m
- Water tightness:	EN 1928	Passed
Fire behaviour		
- Fire behaviour:	EN 13501-1	Class E
UV stability		
- Interior area:	EN 1296	18 months
- Natural weathering:		3 months



Article No.	Article Description	QTY
8848 20 75	M2<75>DB KLIMAS.SD20 1.5X50 5*	75

Damp diffusion
spring / summer



Damp diffusion
autumn / winter



Klimastar System Adhesive Tape

- Single sided adhesive tape for air-tight and wind-tight joining of penetrations, foil and underlay overlaps, butt joints in wooden panels (e.g., OSB) and connections indoors and outdoors in accordance with DIN 4108-7
- For indoor and outdoor use
- Adheres very aggressively, thanks to strong application of adhesive
- Soft foil carrier enables flexible adhesion of connections and penetrations
- Polyester fibre fabric prevents overstretching of the tape and increases its resistance to tearing
- Wide dimensions make it extremely suitable as a repair plaster for cracks and holes in foils and underlays
- Various versions (e.g., sectioned silicone paper) for every application
- For difficult substrates, we recommend using the system primer (Art.-No. 6880 1000) or the spray primer (Art.-No. 6880 400)
- The system adhesive tape is solvent-free
- The guarantee on the bonding can be extended to a maximum of 20 years if climate-conscious components are used with due consideration of the application areas noted in the technical data sheet

Recommended application and version:

- Art. No. 8848 2 75 1: Joining overlaps, connections, penetrations and butt joints
- Art. No. 8848 2 75 2: sectioned silicone paper 30/30 mm, joining corners/connections
- Art. No. 8848 2 75 3: sectioned silicone paper 12/48 mm, joining window connections
- Art. No. 8848 2 75 100: sectioned silicone paper 50/50 mm, joining corners/connections, joining softwood fibreboard
- Art. No. 8848 2 75 150: sectioned silicone paper 75/75 mm, joining corners/connections, joining softwood fibreboard, injection hole sealing

Your Advantage / Benefit

- Extremely high adhesive strength
- For indoors and outdoors
- High level of adaptability thanks to flexible carrier
- Highly elastic



8848 2 75 1



8848 2 75 2



8848 2 75 3



8848 2 75 100



8848 2 75 150

Technical Data

Adhesive:	Modified acrylate emulsion (solvent-free)
Adhesive quantity:	240 g/m ² (+10/-5 g)
Sd value:	approx. 4.5 m
Working temperature:	from -10°C
Temperature resistance:	-40 °C to 100 °C
Substrate material:	PE foil (UV-stabilised)
Lidding material:	Silicone paper
Adhesive strength:	approx. 35 N/25 mm (DIN EN 1939)
Thickness:	0.30 mm (without film)
Natural weathering:	max. 24 months

Application



Article No.	Article Description	QTY
8848 2 75 1	RO(25M)KLIMASTAR 60MM 5*	e 5 b
8848 2 75 2	RO(25M)KLIMAST.(30/30) 60MM 5*	e 5 b
8848 2 75 3	RO(25M)KLIMAST.(12/48) 60MM 5*	e 5 b
8848 2 75 100	RO(25M)KLIMAST.(50/50)100MM 5*	3 A
8848 2 75 150	RO(25M)KLIMAST.(75/75)150MM 5*	2 d

Klimastar D-SK System Adhesive Tape

- Double sided and aggressively adhesive vapour barrier and wind-tight adhesive tape
- For airtight bonding of vapour barriers to each other
- For fixing vapour barriers to rafters (does not replace the mechanical fixing by the substructure)
- For wind-tight bonding of underlay sheets in the overlap area
- For PE sheeting, aluminium, kraft papers, PP fleeces and hard wooden panels (e.g., OSB)
- Parts to be bonded must be stable, dry, dust-free, and grease-free
- System adhesive tape is solvent-free
- For indoor and outdoor use
- Dimensionally stable as a result of non-woven fibre integrated into the adhesive (no warping)



Technical Data

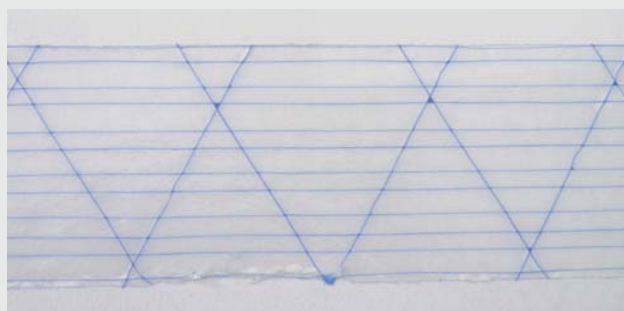
Overall thickness (DIN EN 1942):	0.25 mm
Adhesive strength (DIN EN 1939):	25 N/25 mm
Temperature range:	-30 °C to +100 °C
Heat resistance (short term):	+120 °C
Inner core Ø:	76.5 mm
Tape width:	30 mm
Tape length:	50 m

Article No.	Article Description	QTY
8848 2 75 3050	RO(50M)SYSTEM A.D-SK 30X50M 5*	e 5

Your Advantage / Benefit

- Adhesive on both sides
- Aggressive adhesive strength
- Dimensionally stable as a result of non-woven fibre
- For indoor and outdoor use
- Avoids unfavourable stapling points

Application



Related Products

- **Klimastar Adhesive Tape**
Art. No. 8848 2 75 1
Art. No. 8848 2 75 100
Art. No. 8848 2 75 150



- **Klimastar System Adhesive**
Art. No. 6880 20 ...



- **System Primer**
Art. No. 6880 1000



- **Damp-Proof Film Vario Klimastar FÖRCH**
Art. No. 8848 015 5 75



System Adhesive *Klimastar*

- Bespoke sealing adhesive for the long-lasting fixture of Klimastar damp-proof membrane and Saniflex 002 airtight layers onto structures
- Solvent-free, no environmental/domestic toxins
- Can be applied to -10 °C cold subsurfaces
- Resistant against frost damage (no loss of characteristics after defrosting)
- Complies with DIN 4108/7, EnEV, ONORM B8110-2
- System-tested, resistant to aging for 20 years
- Also suitable for other PA/PE damp-proof barriers

Areas of application:

- Fixing to brickwork, concrete, plaster, gypsum

Tips of use:

- Lay damp-proof membrane without stretching up to the point of adhesion
- Adhesive primer must be absorbent, clean, dry, and free of oil and separating agents
- Smooth out any uneven areas with more System Adhesive
- Apply System Adhesive in the form of a 6 – 8 mm thick worm onto the structure; press gently so that a 3 -4 mm wide worm remains

Your Advantage / Benefit

- Lasting adhesion
- Extremely flexible
- Quick-drying
- Solvent-free, no environmental/domestic toxins
- Can be processed without a pressure lathe
- Can be applied to -10 °C cold subsurfaces



Technical Data

Colour:	blue
Consistency:	an elastic paste
Content:	310 ml / 600 ml
Processing temperature:	+5 °C to +40 °C
Subsurface temperature:	from -10 °C
Storage:	frost-free, +5 °C to +25 °C

Article No.	Article Description	QTY
6880 20 310	K(310ML)SYSTEM ADH.F.KLIMASTAR	20
6880 20 600	B(600ML)SYSTEM ADH.F.KLIMASTAR	20

* see statement of guarantee for Klimastar System Adhesive Tape at forch.de

Application



Related Products

- **Klimastar System Adhesive Tape**
Art. No. 8848 2 75 1
Art. No. 8848 2 75 100
Art. No. 8848 2 75 150



- **System Primer**
Art. No. 6880 1000



- **Air-Tight Cuffs**
AGR 8844



- **Damp-Proof Film**
Klimastar vario FORCH
Art. No. 8848 015 5 75

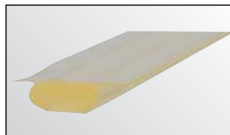


System Adhesive Roll *Klimastar*

- Joint adhesive for masonry joints on a roll
- 3.5 mm thick and permanently sticky bead provides ideal adhesive connection and levels out irregularities
- For very fast masonry joints in comparison with joint adhesives from a cartridge or tubular bag
- Solvent-free, no environmental or indoor toxins

Usage instructions:

- Adhesive tape can be prepared on the masonry, as the adhesive surface is protected by silicone paper
- Lay the vapour barrier up to the glued area without stretching
- Adhesive surfaces must be absorbent, clean, dry, free of grease and releasing agents
- Very large breakouts/pitting on the building structure must be levelled off beforehand
- Press firmly the damp-proof membrane
- Pay attention to the strain relief loop
- Avoid permanent mechanical loading of the adhesive joint
- Strongly crumbling or fibrous substrates must be pre-treated with FÖRCH system primer (Art. No. 6880 1000)
- In case of doubt, contact us



Technical Data

Adhesive covered side:	Acrylate dispersion
Substrate material:	Spun-bonded fabric
Adhesive open side:	Hot melt adhesive
Roll length:	
Working temperature:	+5 °C to +35 °C
Temperature range:	-10 °C to +80 °C

Article No.	Article Description	QTY
8848 2 75 12 8	RO(8M)SYST.ADHES.KLIMA.ROLL 5*	5

Your Advantage / Benefit

- Very fast joining of damp-proof membranes to masonry
- Preparation on the masonry possible (no time pressure)
- No pinching out of the adhesive bead possible
- Permanently sticky compound levels out irregularities
- No accessories necessary (e.g., cartridge gun, etc.)
- Very little waste (due to elimination of accessories)

Application

- Joints with masonry, rendering, plaster, etc.
- Overlap bonding of damp-proof membranes



Related Products

- **Klimastar System Adhesive Tape**
Art. No. 8848 2 75 1
Art. No. 8848 2 75 100
Art. No. 8848 2 75 150



- **System Primer**
Art. No. 6880 1000



- **Air-Tight Cuffs**
AGR 8844



- **Damp-Proof Film Vario Klimastar FÖRCH**
Art. No. 8848 015 5 75



Air-Tight Cuffs **Klimastar**

- For the air-tight fixing of pipe and cable penetration in compliance with DIN 4108-7
- Tyvek® carrier material and pure acrylate adhesive for indoor and outdoor use
- For PE Channels, aluminium channels, Kraft papers, PP fleeces and hard wood panels (e.g. OSB)
- EPDM insulating cuff for quick and secure insulation easy to use due to lubricant on the inside of the EPDM
- Sections to be stuck must be stable, dry and free of dust and oil
- System Adhesive Tape is solvent-free
- For sealing between penetrations and wood fibre panels, we recommend the Foerch System Primer (art. no. 6880 1000)



Your Advantage / Benefit

- Quick and efficient sealing
- No additional adhesive needed
- High quality Tyvek® material
- Secure EPDM grommet seal (no additional adhesive needed)

Application



Article No.	Article Description	QTY
8844 1 4 8	AIR TIGHT CUFF 4- 8MM 5*	z 30
8844 1 8 12	AIR TIGHT CUFF 8-12MM 5*	z 30
8844 1 15 22	AIR TIGHT CUFF 15- 22MM 5*	z 30
8844 1 42 55	AIR TIGHT CUFF 42- 55MM 5*	4
8844 1 50 70	AIR TIGHT CUFF 50- 70MM 5*	4
8844 1 75 90	AIR TIGHT CUFF 75- 90MM 5*	4
8844 1 100 110	AIR TIGHT CUFF 100-110MM 5*	4
8844 1 100 125	AIR TIGHT CUFF 100-125MM 5*	4
8844 1 125 135	AIR TIGHT CUFF 125-135MM 5*	4
8844 1 150 165	AIR TIGHT CUFF 150-165MM 5*	4
8844 1 180 195	AIR TIGHT CUFF 180-195MM 5*	4
8844 1 250 270	AIR TIGHT CUFF 250-270MM 5*	4
8844 2 4 8	AIRTIGHT CUFF DOUBL.4- 8MM 5*	z 30
8844 2 8 12	AIRTIGHT CUFF DOUBL.8-12MM 5*	z 30
8844 6 4 11	AIR TIGHT CUFF 6-FOL.4-11MM 5*	4

Technical Data

Art.-No.	Areas of application
8844 1 4 8	telephone cables
8844 1 8 12	data and electrical cables
8844 1 15 22	PG pipes, heating pipes
8844 1 42 55	solar cables and HT pipelines
8844 1 50 70	antenna masts and solar cables
8844 1 75 90	exhaust and vent lines
8844 1 100 110	HT-/KG-pipes and vent lines
8844 1 100 125	HT-/KG-pipes and corrugated pipes
8844 1 125 135	exhaust and rainwater pipes
8844 1 150 165	HT-/KG-pipes and corrugated pipes
8844 1 180 195	vent lines
8844 1 250 270	stainless steel and exhaust pipes
8844 2 4 8	telephone cables
8844 2 8 12	data and satellite cables
8844 6 4 11	data and satellite cables

Related Products

- **Klimastar System Adhesive Tape**
Art. No. 8848 2 75 1
Art. No. 8848 2 75 100
Art. No. 8848 2 75 150



- **Damp-Proof Film Vario Klimastar FORCH**
Art. No. 8848 015 5 75



- **Klimastar System Adhesive**
Art. No. 6880 20 ...



- **System Primer**
Art. No. 6880 1000



System Primer

- Solvent-free high-performance primer with depth effect; provides for optimum adhesion on sandy, fibrous and absorbent substrates like soft fibre boards, beaverboards and drywalls, plaster, masonry and concrete
- Matched to all window sealing tapes, as well as to airtight and windtight products System Adhesive Tape UDB and Klimastar
- Can also be used to enhance the adhesion of PU-foams and Window Tight
- Processing temperature: +5 to +35° C
- **Recommended paint-brush: Art. No. 5415 4 70**

Article No.	Article Description	QTY
6880 1000	DS(1KG) SYSTEM PRIMER	e 4



Spray Primer

- Highly effective, sprayable, solvent-bearing synthetic rubber primer
- For the preparatory treatment of loose, absorbent, fibrous or sandy substrates such as soft fibre, composite wood and gypsum fibreboards, plaster, brickwork, porous concrete and concrete
- For the efficient and professional bonding of FÖRCH window strips, air and windproofing products or sealants based on polyacrylate, synthetic and butyl rubber
- Rotary spray head for horizontal or vertical tasks
- Quick application straight from the can
- Short drying times

Usage instructions:

- Adhesion surfaces must be clean, dry and free of grease, ice and frost
- Cover the adjacent surfaces and the floor
- To prevent the valve feed tube or the spray head from becoming clogged with adhesive residues, after each spraying process turn the can on its head and spray until only blowing agent escapes
- Wipe any adhesive from the outlet nozzle

Technical Data	
Basis:	Synthetic rubber
Colour:	Colourless
Contents:	400 ml
Drying time*:	5 – 15 min
Recommended working temperature:	+10 °C to +20 °C
Maximum working temperature:	+5 °C to +30 °C
Temperature resistance:	-20 °C to approx. +90 °C (shortly up to 100 °C)
Shelf life:	24 months

*Depending on the temperature and air humidity

Article No.	Article Description	QTY
6880 400	SPRAY PRIMER 400ML	e 12



Film Adhesive

- Special sealing adhesive for a permanent airtight attachment of vapour-proof membranes and barrier layers according to DIN 4108-7
- Self-adhesive and permanently elastic, consequently structural movements can be absorbed without difficulty

Areas of application:

- Bonds to masonry, concrete, plaster, plasterboard and wood

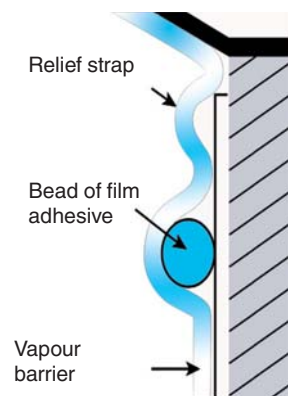
Usage instructions:

- Adhesive surfaces must be absorbent, clean, dry, free of grease and stable
- Very large breakouts/pitting on the building structure must be levelled off beforehand
- Apply the film adhesive to the substrate in an approx. 8 mm thick bead with no gaps
- Press the material to be bonded well – do not squeeze
- Pay attention to the strain relief loop
- Bonds only reach full strength after drying out
- In case of doubt, contact us

Technical Data	
Colour:	Blue-grey
Density:	Approx. 1.2 g/cm ³
Curing:	Approx. 2–3 days (depending on layer thickn., film type and building moisture)
Working temperature:	+5 °C to +35 °C
Temperature resistance:	-20 °C to +60 °C
Shelf life:	12 months

Please observe the information in our technical and safety data sheets

Article No.	Article Description	QTY
6880 7 310	C(310ML)FILM ADHESIVE	25
6880 7 580	B(580ML)FILM ADHESIVE	20



Uni Pipe Collar

- Universal sealing collar for air and wind-tight connections with round and rectangular penetrations of any size
- Conforms to DIN 4108-7
- Extremely flexible adhesive tape
- 60 % extension possible due to creped PE carrier
- Sectioned silicone paper for easy attachment to penetrations and substrate
- Suitable for indoors and outdoors (covered)
- We recommend system primer (Art. No. 6880 1000) for seals between penetrations and softwood fibreboard



Technical Data	
Carrier:	Polyethylene
Adhesive:	Butyl
Sd value:	> 45 m
Tensile force (longitu./transv.):	> 215 N/50 mm, 220 N/50 mm
Adhesive strength:	> 90 N
Fire behaviour:	Class E
Temperature resistance:	- 30 °C to + 80 °C / up to 160 °C for 24 hours
Working temperature:	0 °C to 40 °C
Dimensions:	60 mm x 5 m
Storage:	Cool and dry
Usage recommendation:	Within 12 months

Article No.	Article Description	QTY
8844 5 60	RO(5M)UNI PIPE COLLAR 60MM 5*	e 5



Opening



Adhesive strip with opening



Trim to circumference of the opening



Cut



Pre-fold at the sectioned silicone paper



Remove the first sheet of silicone paper



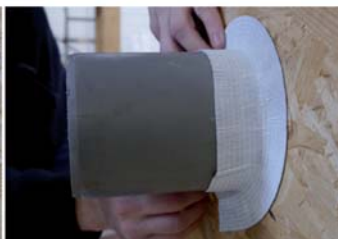
Attach the adhesive tape to the opening



Do not overlap the adhesive tape yet!



Remove the second sheet of silicone paper



Apply the second side of the adhesive tape to the substrate



Overlap the end of the adh. tape with the front of the adh. tape



Completely sealed opening



Flat brushes solvent-containing

- for solvent- and water based varnish and paint systems

- absolute top quality „Made in Germany“
- allround brush for perfect painting
- high-grade, conical synthetic fibres
- red PA plastic frame, fully bonded
- polished wooden handle
- painter info: 12. thickness
- first-class paintwork, no swelling
- precise cut
- smoothness of the brush
- stable in form and elastic
- very good colour retention and transfer

applications:

- suitable for all work using paint and varnish, particularly for larger surfaces e.g. doors, windows, furniture

Varnishes	Solvents	Water	Latex
			
••	•••	••	••

in mm



Article No.	Article Description	QTY
5415 5 25	FLAT BRUSH.CONT.SOLV.25MM 5*	e 12
5415 5 30	FLAT BRUSH.CONT.SOLV.30MM 5*	e 12
5415 5 40	FLAT BRUSH.CONT.SOLV.40MM 5*	e 12
5415 5 50	FLAT BRUSH.CONT.SOLV.50MM 5*	e 12
5415 5 60	FLAT BRUSH.CONT.SOLV.60MM 5*	e 12
5415 5 75	FLAT BRUSH.CONT.SOLV.75MM 5*	e 6

Technical Data		
size / breadth in mm	thickness	bristle length visible in mm
25	21	45
30	23	45
40	26	51
50	26	58
60	26	64
75	26	64

Solvent Resistant Flat Brush

- for solvent-based varnish and paint systems

- Fine artisans quality
- Artificial and natural bristles
- Ergonomically formed beaver tail handle
- Information for painters: thickness 9
- Handy, comfortable, exact brushwork
- Extra strong and dense bristles
- Guaranteed even layer thickness

Art. No. 5415 1 0:

- With wooden handle

applications:

- Suitable for all paint and varnish work, especially for larger surfaces e.g. doors, windows, furniture

Varnishes	Solvents	Water	Latex
			
•	••	•	•



Article No.	Article Description	QTY
5415 1 0	FLAT BRUSH CONT. SOLVENTS 20MM	e 12
5415 1 1	FLAT BRUSH CONT. SOLVENTS 30MM	e 12
5415 1 12 1	FLAT BRUSH CONT. SOLVENTS 40MM	e 12
5415 2 1	FLAT BRUSH CONT. SOLVENTS 50MM	e 12
5415 2 12 1	FLAT BRUSH CONT. SOLVENTS 60MM	e 12
5415 3 1	FLAT BRUSH CONT. SOLVENTS 80MM	e 6

Technical Data		
Size/ breadth in mm	Brush thickness in mm	Bristle length visible in mm
20	14	44
30	15	46
40	16	46
50	17	51
60	18	51
80	19	58

Solvent Resistant Flat Brush **ECO**

- for solvent-based varnish and paint systems
- light Chinese bristles
- painter info: 6. thickness
- suitable for simple varnish, paint and cleaning work
- with pin hole in the shaft
- enables hanging drying / storage after use

applications:

- suitable for all paint and varnish work, in particular for larger surfaces e.g. doors, windows, furniture

Varnishes	Solvents	Water	Latex
•	•	•	•



Article No.	Article Description	QTY
5415 4 30	ECO FLAT BRUSH CONT.SOLV. 30MM	e 12
5415 4 40	ECO FLAT BRUSH CONT.SOLV. 40MM	e 12
5415 4 50	ECO FLAT BRUSH CONT.SOLV. 50MM	e 12
5415 4 60	ECO FLAT BRUSH CONT.SOLV. 60MM	e 12
5415 4 70	ECO FLAT BRUSH CONT.SOLV. 70MM	e 12
5415 4 80	ECO FLAT BRUSH CONT.SOLV. 80MM	e 6
5415 4 100	ECO FLAT BRUSH CONT.SOLV.100MM	e 6

Technical Data		
size / breadth in mm	thickness in mm	bristle length visible in mm
30	15	40
40	15	40
50	15	46
60	15	46
70	15	46
80	15	51
100	15	58

Flat brushes water-based **FÖRCH*******

- for water-based varnish and paint systems
- absolute top quality „Made in Germany“
- high quality conical synthetic fibre blend
- green PA plastic frame, fully bonded
- polished wooden handle
- painter info: 14. thickness
- very good paintwork
- precise cut
- smoothness of the brush
- very good colour retention and transfer

applications:

- suitable for all work using paint and varnish, particularly for larger surfaces e.g. doors, windows, furniture glazes

Varnishes	Solvents	Water	Latex
••	•	•••	•



Article No.	Article Description	QTY
5415 6 30	FLAT BRUSH WATER-BASED 30MM 5*	e 12
5415 6 40	FLAT BRUSH WATER-BASED 40MM 5*	e 12
5415 6 50	FLAT BRUSH WATER-BASED 50MM 5*	e 12
5415 6 60	FLAT BRUSH WATER-BASED 60MM 5*	e 12
5415 6 75	FLAT BRUSH WATER-BASED 75MM 5*	e 6

Technical Data		
size / breadth in mm	thickness in mm	bristle length visible in mm
30	23	45
40	26	51
50	26	58
60	26	64
70	26	64

Flat brush water-based

• for water-based varnish and paint systems

- quality „Made in Germany“
- high quality conical synthetic fibre blend
- stainless steel clamp
- polished wooden handle
- painter info: 9. thickness
- very good paintwork
- precise cut
- smoothness of the brush
- very good colour retention and transfer

applications:

- suitable for all work using paint and varnish, particularly for larger surfaces e.g. doors, windows, furniture glazes

Varnishes	Solvents	Water	Latex
••	•	•••	•



Article No.	Article Description	QTY
5415 7 30	FLAT BRUSH WATER-BASED 30MM	e 12
5415 7 50	FLAT BRUSH WATER-BASED 50MM	e 12
5415 7 70	FLAT BRUSH WATER-BASED 70MM	e 12

Technical Data		
size / breadth in mm	thickness in mm	bristle length visible in mm
30	15	44
50	17	54
70	19	60

Orel-Brush

• for water-based varnish and paint systems

- Good artisans quality
- Strong, brown poly-mix bristles
- Resistant against acids, alkalines and solvents of any kind
- Brass-plated clamp

applications:

- Ideal for varnishings, glazes and chemical protection paintings with anhydrous and water dilutable coating material

Varnishes	Solvents	Water	Latex
•	•	•	•



Article No.	Article Description	QTY
5415 1	OREL-BRUSH 1"	e 12
5415 1 12	OREL-BRUSH 1 1/2"	e 12
5415 2	OREL-BRUSH 2"	e 12

Technical Data		
Size/ breadth in mm	Brush thickness in mm	Bristles visible in mm
30	12	51
40	13	51
50	14	51

Solvent Resistant Ring Brush

- for solvent-based varnish and paint systems
- absolute top quality „Made in Germany“
- strong, real black Chinese bristles of the highest quality
- very good colour pick-up and application
- precise cut
- very good paintwork
- two-fold white cord band
- nickel ring
- unvarnished polished wooden handle

applications:

- suitable for all work using paint and varnish, particularly for smaller surfaces e.g. doors, windows, furniture

Varnishes	Solvents	Water	Latex
			
••	•••	•	•••



Article No.	Article Description	QTY
5415 8 2	RING BRUSHES CONT.SOLV.20MM 5*	e 12
5415 8 4	RING BRUSHES CONT.SOLV.25MM 5*	e 12
5415 8 6	RING BRUSHES CONT.SOLV.30MM 5*	e 12
5415 8 8	RING BRUSHES CONT.SOLV.35MM 5*	e 12
5415 8 10	RING BRUSHES CONT.SOLV.40MM 5*	e 12
5415 8 12	RING BRUSHES CONT.SOLV.45MM 5*	e 6

Technical Data		
size in mm	Ø in mm	bristle length visible in mm
2	20	72
4	25	80
6	30	85
8	35	90
10	40	90
12	45	95

Ring brushes

- for solvent-based varnish and paint systems
- top quality „Made in Germany“
- strong, real black Chinese bristles of the highest quality
- very good colour pick-up and application
- precise cut
- very good paintwork
- red polyamide plastic frame
- two-fold detachable strip
- unvarnished polished wooden handle

applications:

- suitable for all work using paint and varnish, particularly for smaller surfaces e.g. doors, windows, furniture

Varnishes	Solvents	Water	Latex
			
••	•••	••	••



Article No.	Article Description	QTY
5415 9 4	RING BRUSH CONT.SOLV. 25MM	e 12
5415 9 6	RING BRUSH CONT.SOLV. 30MM	e 12
5415 9 8	RING BRUSH CONT.SOLV. 35MM	e 12
5415 9 10	RING BRUSH CONT.SOLV. 40MM	e 12
5415 9 12	RING BRUSH CONT.SOLV. 45MM	e 12

Technical Data		
size in mm	Ø in mm	bristle length visible in mm
4	25	75
6	30	80
8	35	85
10	40	90
12	45	95

Ring Brush

- for water-based varnish and paint systems
- Yellow linen sliver - additional bristle fixation
- Pure, black, closely stuck China bristles - assured smooth shift-thickness of the coating-film and optimum edge covering
- Bristles are additionally fixed with synthetic resin - avoids bristle loosening
- Ideal for in and outside paintworks, e.g. rust protection- and colour coatings, window coatings, wood constructions as well as any mending jobs
- Loop in the stem - allows hanging drying/storage after usage

Varnishes	Solvents	Water	Latex
••	••	•	••



Article No.	Article Description	QTY
5415 20	RING BRUSH 20MM	e 12
5415 25	RING BRUSH 25MM	e 12
5415 30	RING BRUSH 30MM	e 12
5415 35	RING BRUSH 35MM	e 12
5415 40	RING BRUSH 40MM	e 12

Technical Data		
Size in mm	Ø in mm	Bristle length visible in mm
2	20	62
4	25	65
6	30	75
8	35	80
10	40	80

Solvent Resistant Ring Brush **ECO**

- for water-based varnish and paint systems
 - Pure bright bristles with plastic edging
 - Loop in stem - allows hanging drying/storage after usage
- applications:**
- Suitable for all work using paint and varnish or cleaning work

Varnishes	Solvents	Water	Latex
•	••	•	•



Article No.	Article Description	QTY
5415 20 1	ALL-PURPOSE RING BRUSH 20MM	e 12
5415 25 1	ALL-PURPOSE RING BRUSH 25MM	e 12
5415 30 1	ALL-PURPOSE RING BRUSH 30MM	e 12
5415 35 1	ALL-PURPOSE RING BRUSH 35MM	e 12
5415 40 1	ALL-PURPOSE RING BRUSH 40MM	e 12
5415 45 1	ALL-PURPOSE RING BRUSH 45MM	e 6

Technical Data		
Norm ring size in mm	Ø in mm	Bristle length visible in mm
2	20	38
4	25	38
6	30	38
8	35	44
10	40	44
12	45	51

Ring brushes

for water-based varnish and paint systems

- absolute top quality „Made in Germany“
- high quality conical synthetic fibre blend
- two-fold white thread strip
- polished wooden handle
- first-class paintwork
- precise cut
- smoothness of the brush
- very good colour retention and transfer

applications:

- suitable for all work using paint and varnish, particularly for smaller surfaces e.g. doors, windows, furniture glazes

Varnishes	Solvents	Water	Latex
••	•	•••	•



Article No.	Article Description	QTY
5415 10 6	RING BRUSH WATER-BASED 30MM 5*	e 12
5415 10 8	RING BRUSH WATER-BASED 35MM 5*	e 12
5415 10 10	RING BRUSH WATER-BASED 40MM 5*	e 12
5415 10 12	RING BRUSH WATER-BASED 45MM 5*	e 6

Technical Data		
size in mm	Ø in mm	bristle length visible in mm
6	30	85
8	35	96
10	40	105
12	45	105

Ring brushes

for water-based varnish and paint systems

- top quality „Made in Germany“
- high quality conical synthetic fibre blend
- two-fold green PA plastic strip
- polished wooden handle
- very good paintwork
- precise cut
- smoothness of the brush
- very good colour retention and transfer

applications:

- suitable for all work using paint and varnish, particularly for smaller surfaces e.g. doors, windows, furniture glazes

Varnishes	Solvents	Water	Latex
••	•	•••	•



Article No.	Article Description	QTY
5415 11 4	RING BRUSH WATER-BASED 25MM	e 12
5415 11 6	RING BRUSH WATER-BASED 30MM	e 12
5415 11 8	RING BRUSH WATER-BASED 35MM	e 12
5415 11 10	RING BRUSH WATER-BASED 40MM	e 12
5415 11 12	RING BRUSH WATER-BASED 45MM	e 6

Technical Data		
size in mm	Ø in mm	bristle length visible in mm
4	25	80
6	30	85
8	35	90
10	40	90
12	45	95

Solvent Resistant Radiator Brush

• for solvent-based varnish and paint systems

- absolute top quality „Made in Germany“
- best Chinese bristles
- tin clamp
- clear design / stainless steel clamp black design
- polished wooden handle
- very good paintwork
- precise cut
- smoothness of the brush
- very good colour pick-up and application

applications:

- suitable for hard to reach areas, particularly for radiators, corners, niches and walls

Varnishes	Solvents	Water	Latex
•	•••	•	•••



5418 4 25



5418 4 25 1

Article No.	Article Description	QTY
5418 4 25	RADIATOR BRUSH.F.SOL.BK25MM 5*	e 12
5418 4 35	RADIATOR BRUSH.F.SOL.BK35MM 5*	e 12
5418 4 50	RADIATOR BRUSH.F.SOL.BK50MM 5*	e 12
5418 4 60	RADIATOR BRUSH.F.SOL.BK60MM 5*	e 12
5418 4 70	RADIATOR BRUSH.F.SOL.BK70MM 5*	e 12
5418 4 25 1	RADIATOR BRUSH.F.SOL.LI25MM 5*	e 12
5418 4 35 1	RADIATOR BRUSH.F.SOL.LI35MM 5*	e 12
5418 4 50 1	RADIATOR BRUSH.F.SOL.LI50MM 5*	e 12
5418 4 60 1	RADIATOR BRUSH.F.SOL.LI60MM 5*	e 12
5418 4 70 1	RADIATOR BRUSH.F.SOL.LI70MM 5*	e 12

Technical Data				
size / breadth (inch)	breadth in mm	thickness in mm	bristle-length visible in mm	bristle-colour
1	25	9	43	black
1.5	35	9	49	black
2	50	9	56	black
2.5	60	9	62	black
3	70	9	62	black
1	25	9	43	light
1.5	35	9	49	light
2	50	9	56	light
2.5	60	9	62	light
3	70	9	62	light

Solvent Resistant Edge/Heater Brush

• for solvent-based varnish and paint systems

- Reinforced, wide bristle sheet - extra robust
- Best Chinese bristles
- Polished wooden handle
- Good paintwork
- Precise cut
- Smoothness of the brush
- Good colour pick-up and application

applications:

- Suitable for hard to reach areas, particularly radiators, corners, niche and walls

Varnishes	Solvents	Water	Latex
•	••	•	••



Article No.	Article Description	QTY
5418 1	EDGE-/HEATER BRUSH 1"	e 12
5418 1 12	EDGE-/HEATER BRUSH 1.1/2"	e 12
5418 2	EDGE-/HEATER BRUSH 2 "	e 12
5418 2 12	EDGE-/HEATER BRUSH 2.1/2"	e 12
5418 3	EDGE-/HEATER BRUSH 3	e 12
5418 1 1	EDGE-/HEATER BRUSH WHITE 1"	e 12
5418 1 1 12	EDGE-/HEAT.BRUSH WHITE 1 1/2"	e 12
5418 1 2	EDGE-/HEAT.BRUSH WHITE 2"	e 12
5418 1 3	EDGE-/HEAT.BRUSH WHITE 3"	e 12

Technical Data				
Size / width (inch)	Width in mm	thickness in mm	Bristle length visible in mm	Bristle colour
1	25	9	43	black
1,5	35	9	49	black
2	50	9	49	black
2,5	60	9	56	black
3	70	9	56	black
1	25	9	39	light
1,5	35	9	39	light
2	50	9	46	light
3	70	9	52	light

Eco bitumen brushes **ECO**

- for solvent-based varnish and paint systems and bitumen
- tin clamp
- grey Chinese bristles
- polished wooden handle

applications

- application of bitumen, especially for roofers
- working with cement slurry in civil engineering and building construction
- application of plaster base, primer and various fire barriers by plasterers and drywall builders
- spreading of plaster by tilers

Article No.	Article Description	QTY
5418 5 50	BITUMEN BRUSH 50MM ECO	e 12
5418 5 60	BITUMEN BRUSH 60MM ECO	e 12
5418 5 70	BITUMEN BRUSH 70MM ECO	e 12

Varnishes	Solvents	Water	Latex
•	•	•	•



Technical Data	
size / breadth (inch)	breadth in mm
2	50
2.5	60
3	70

Radiator brushes

- for water-based varnish and paint systems
- stainless steel clamp
- high quality synthetic fibre blend
- polished wooden handle
- good paint work
- precise cut
- smoothness of the brush
- good colour pick-up and application

applications:

- suitable for hard to reach places, particularly radiators, corners, niches and walls

Article No.	Article Description	QTY
5418 6 35	RADIATOR BRUSH WATER-B. 35MM	e 12
5418 6 50	RADIATOR BRUSH WATER-B. 50MM	e 12
5418 6 60	RADIATOR BRUSH WATER-B. 60MM	e 12

Varnishes	Solvents	Water	Latex
••	•	•••	•



Technical Data		
size / breadth (inch)	breadth in mm	bristle length visible in mm
1.5	35	49
2	50	54
2.5	60	58

Solvent Resistant Curved Flat Brush

- for solvent-resistant varnish and paint systems
- absolute top quality „Made in Germany“
- Tin clamps
- strong, pure black Chinese bristles of the highest quality
- hardly any swelling in the water
- best colour pick-up and application
- Smoothness of the brush
- precise cut
- first-class paint work
- unvarnished wooden handle

applications:

- particularly suitable for window and door joints as well as hard to reach places

Varnishes	Solvents	Water	Latex
•	•••	••	••



Article No.	Article Description	QTY
5418 7 10	CURVED FLAT BRUSH 10MM 5*	e 12
5418 7 15	CURVED FLAT BRUSH 15MM 5*	e 12
5418 7 20	CURVED FLAT BRUSH 20MM 5*	e 12
5418 7 25	CURVED FLAT BRUSH 25MM 5*	e 12
5418 7 30	CURVED FLAT BRUSH 30MM 5*	e 12

Technical Data		
size / breadth in mm	thickness in mm	bristle length visible in mm
10	8	28
15	8	37
20	8	37
25	8	40
30	8	44

Solvent Resistant Curved Flat Brush

- For solvent containing paint and varnish systems
- Pure black China bristles
- Hardly swelling in water
- very good colour pick-up and application
- smoothness of the brush
- precise cut
- very good paintwork
- unpainted wooden handle

applications:

- Especially suitable for window and door folds as well as hard to reach places

Varnishes	Solvents	Water	Latex
•	••	•	•



Article No.	Article Description	QTY
5418 15	FLAT BRUSH 15 MM	e 12
5418 20	FLAT BRUSH 20 MM	e 12
5418 25	FLAT BRUSH 25 MM	e 12

Technical Data
size / breadth in mm
15
20
25

Solvent Resistant Straight Flat Brush

- for solvent-resistant varnish and paint systems
- absolute top quality „Made in Germany“
- Tin clamps
- strong, pure black Chinese bristles of the highest quality
- hardly any swelling in the water
- best colour pick-up and application
- smoothness of the brush
- precise cut
- first-class paint work
- unvarnished wooden handle

applications:

- particularly suitable for window and door joints as well as hard to reach places

Varnishes	Solvents	Water	Latex
•	•••	••	••



Technical Data		
size / breadth in mm	thickness in mm	bristle length visible in mm
10	8	28
15	8	37
20	8	37
25	8	40
30	8	44

Article No.	Article Description	QTY
5418 8 10	STRAIGHT FLAT BRUSH 10MM 5*	e 12
5418 8 15	STRAIGHT FLAT BRUSH 15MM 5*	e 12
5418 8 20	STRAIGHT FLAT BRUSH 20MM 5*	e 12
5418 8 25	STRAIGHT FLAT BRUSH 25MM 5*	e 12
5418 8 30	STRAIGHT FLAT BRUSH 30MM 5*	e 12

Curved flat brush

- for water-based varnish and paint systems
- absolute top quality „Made in Germany“
- high quality conical synthetic fibre blend
- stainless clamp
- good colour pick-up and application
- smoothness of the brush
- precise cut
- good paintwork
- unvarnished wooden handle

applications:

- particularly suitable for window and door joints as well as hard to reach places

Varnishes	Solvents	Water	Latex
••	••	•••	•



Technical Data		
size / breadth in mm	thickness in mm	bristle length visible in mm
15	8	38
20	8	40
25	8	45

Article No.	Article Description	QTY
5418 9 15	FLAT BRUSH WATER-BASED 15MM	e 12
5418 9 20	FLAT BRUSH WATER-BASED 20MM	e 12
5418 9 25	FLAT BRUSH WATER-BASED 25MM	e 12

Flat Brush Containing Solvents

- for solvent-resistant varnish and paint systems
- absolute top quality „Made in Germany“
- red polyamide plastic frame
- strong, pure, black Chinese bristles of highest quality
- hardly swells in water
- best colour-pick up and application
- smoothness of the brush
- precise cut
- first-class paintwork
- unvarnished wooden handle

applications:

- suitable for paint and varnish work of all types, in particular for very big surfaces e.g.. façades, flooring, fences, wooden terraces

Varnishes	Solvents	Water	Latex
••	•••	••	••



Technical Data		
size / breadth in mm	thickness in mm	bristle length visible in mm
100	30	76

Article No.	Article Description	QTY
5412 2 100	FLAT BRUSH CONT.SOLV. 100MM 5*	1

Solvent Resistant Flat Brush

- for solvent-based varnish and paint systems
- tin clamp
- pure light Chinese bristles
- hardly swells up in water
- good colour pick-up and application
- smoothness of the brush
- precise cut
- good paintwork
- unvarnished wooden handle

applications:

- suitable for all types of paint and varnish work, particularly for very big surfaces e.g. façades, flooring, fences, wooden terraces

Varnishes	Solvents	Water	Latex
••	••	•	••



Technical Data		
size / breadth in mm	thickness in mm	bristle length visible in mm
70	30	60
100	30	60
120	30	65
140	40	65

Article No.	Article Description	QTY
5412 3 70	FLAT BRUSH CONT. SOLV. 70MM	1
5412 3 100	FLAT BRUSH CONT. SOLV. 100MM	1
5412 3 120	FLAT BRUSH CONT. SOLV. 120MM	1
5412 3 140	FLAT BRUSH CONT. SOLV. 140MM	1

Solvent Resistant Surface Brush **ECO**

• for solvent-based varnish and paint systems

- Sheet clamp
- Light Chinese bristles
- Standard quality
- Plastic handle

applications:

- Suitable for simple painting and washing works

Varnishes	Solvents	Water	Latex
•	•	•	•



Article No.	Article Description	QTY
5412 70 30	SURFACE BRUSH 70X30MM	e 12
5412 100 30	SURFACE BRUSH 100X30MM	e 12
5412 120 30	SURFACE BRUSH 120X30MM	e 12
5412 140 40	SURFACE BRUSH 140X40MM	e 12

Technical Data		
Width in mm	Length in mm	Bristle length visible in mm
70	30	44
100	30	44
120	30	44
140	40	51

Flat Brushes Water-Based

• for water-based varnish and paint systems

- absolute top quality „Made in Germany“
- high quality conical synthetic fibre blend
- red PA plastic frame, fully bonded
- good colour pick-up and transfer
- smoothness of the brush
- precise cut
- first-class paintwork
- unvarnished wooden handle

applications:

- particularly suitable for all types of paint and varnish work, particularly for very big surfaces e.g. façades, flooring, fences, wooden terraces
- for glazes

Varnishes	Solvents	Water	Latex
••	•	•••	•



Article No.	Article Description	QTY
5412 4 100 1	FLAT BRUSH WATER-BASED 100MM	1

Technical Data		
size / breadth in mm	thickness in mm	bristle length visible in mm
100	30	66

Solvent Resistant Oval Flat Brush

- for solvent-based varnish and paint systems
- absolute top quality „Made in Germany“
- strong, pure, light Chinese bristles of the highest quality
- best colour pick-up and application
- smoothness of the brush
- first-class paintwork
- unvarnished wooden handle with holder
- naturally polished wooden body

applications:

- suitable for all types of paint and varnish work, particularly for very big surfaces e.g. façades, flooring, fences, wooden terraces

Varnishes	Solvents	Water	Latex
••	•••	•	•••



Article No.	Article Description	QTY
5412 5 135	FLAT BRUSH OVAL SOLV.135MM 5*	1

Technical Data		
size / breadth in mm	thickness in mm	bristle length visible in mm
135	65	70

Oval flat brush FÖRCH*****

- for water-based varnish and paint systems
- absolute top quality „Made in Germany“
- very high quality synthetic fibre blend
- smoothness of the brush
- hardly swells up in water
- first-class paintwork
- unvarnished wooden handle with holder
- naturally polished wooden body

applications:

- particularly suitable for all types of paint and varnish work, particularly for very big surfaces e.g. façades, flooring, fences, wooden terraces

Varnishes	Solvents	Water	Latex
••	•	•••	•



Article No.	Article Description	QTY
5412 5 135 1	OVAL FLAT BRUSH 135MM 5*	1

Technical Data		
size / breadth in mm	thickness in mm	bristle length visible in mm
135	65	70

Façade brush

- For all colours of wall
- **Painter info: double strength**
- Absolute top quality „Made in Germany“
- Red polyamide plastic frame
- Strong, pure black Chinese bristles of the highest quality
- Hardly any swelling in the water
- Best colour pick-up and application
- Smoothness of the brush
- Precise cut
- First class paintwork
- Unvarnished wooden handle

Applications:

- Suitable for all types of paint and varnish work, particularly for walls and facades

Article No.	Article Description	QTY
5418 10 50	FACADE BRUSH SOLV. 50MM 5*	e 6
5418 10 75	FACADE BRUSH SOLV. 75MM 5*	e 6

Varnishes	Solvents	Water	Latex
●	●	●	●●●



Technical Data		
Size / breadth in mm	Thickness in mm	Bristle length visible in mm
50	18	62
75	18	62

Facade Brush

- for all colours of wall
- **Painter info: double strength**
- top quality „Made in Germany“
- Tin clamps
- strong, pure black Chinese bristles of the highest quality
- hardly any swelling in the water
- best colour pick-up and application
- Smoothness of the brush
- precise cut
- first class paintwork
- unvarnished wooden handle

applications:

- suitable for all types of paint and varnish work, particularly for walls and façades

Article No.	Article Description	QTY
5418 10 50 1	FACADE BRUSH SOLV. 50MM	e 6
5418 10 75 1	FACADE BRUSH SOLV. 75MM	e 6

Varnishes	Solvents	Water	Latex
●	●	●	●●



Technical Data		
Size / breadth in mm	Thickness in mm	Bristle length visible in mm
50	16	62
75	16	62

Facade Brush Water-Based

For water-based varnish and paint systems

- Top quality „Made in Germany“
- High quality, conical synthetic fibre blend
- Double strength
- Stainless steel clamp, glued
- Good colour pick-up and application
- Smoothness of the brush
- Precise cut
- Very good paintwork
- Stable shape and elastic
- Unvarnished wooden handle
- Easy to clean

Applications:

- Suitable for all types of painting, particularly for walls and facades

Varnishes	Solvents	Water	Latex
••	•	•••	•



Technical Data		
Size / breadth in mm	Thickness in mm	Bristle length visible in mm
50	16	66
75	16	66

Article No.	Article Description	QTY
5418 11 50 1	FACADE BRUSH WATER-B 50MM	e 6
5418 11 75 1	FACADE BRUSH WATER-B 75MM	e 6

Water-based Facade Brush

For water-based varnish and paint systems

- Absolute top quality „Made in Germany“
- High quality conical synthetic fibre blend
- Blue PA plastic frame, fully bonded
- Very good colour retention and transfer
- Smoothness of the brush
- Precise cut
- First class paintwork
- Form stable and elastic
- Unvarnished wooden handle
- Easy to clean

Applications:

- Suitable for all types of paint and varnish work, particularly for walls and facades

Varnishes	Solvents	Water	Latex
••	•	•••	•



Technical Data		
Size / breadth in mm	Thickness in mm	Bristle length visible in mm
75	20	65

Article No.	Article Description	QTY
5418 11 75	FACADE BRUSH WATER-B 75MM 5*	e 6

Ceiling brush

- For wall paint
- Absolute top quality „Made in Germany“
- Pure black Chinese bristles
- Excellent dimensional stability and smoothness
- Barely any expansion in water
- First class paint absorption and transfer
- Aluminium body
- Unpainted wooden handle with holder

Areas of application:

- Suitable for high-quality paintwork on walls and facades

Varnishes	Solvents	Water	Latex
••	••	•	•••



Technical Data		
Size/Width in mm	thickness in mm	Visible brush length in mm
180	80	90

Article No.	Article Description	QTY
5412 6 180	CEILING BRUSH 180X180MM 5*	1

Ceiling brushes

- for wall paints
- quality „Made in Germany“
- pure, light Chinese bristles
- very good stability of shape and smoothness
- hardly swells up in water
- very good colour pick-up and transfer
- plastic frame
- unvarnished wooden handle with holder

applications:

- suitable for high quality paintwork on walls and façades

Varnishes	Solvents	Water	Latex
••	•	••	•



Technical Data		
size / breadth in mm	thickness in mm	bristle length visible in mm
170	70	80

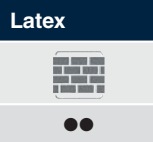
Article No.	Article Description	QTY
5412 6 170	CEILING BRUSH 170X170MM	1

Silverpren-Ceiling and Brick Work Brush

- for solvent-based colour systems and deep primer
- Black synthetic bristles
- Very good smoothness and form stability
- No swelling in water
- Good colour pick-up and transfer
- plastic frame
- Plastic handle with holder

applications:

- Suitable for paintwork on walls and façades
- For deep primer



Article No.	Article Description	QTY
5412 175 80	SILVERPREN-BRUSH 175X80	1

Technical Data		
Size / breadth in mm	Depth in mm	Bristle length in mm
175	80	75

Fibre-Ceiling and Brick Work Brush

- For solvent-based colour systems and deep primer
- Light natural fibre bristles
- Very good form stability and smoothness
- Hardly swelling when in water
- Good colour pick-up and transfer
- Wood body
- Plastic handle with holder

applications:

- Suitable for paintwork on walls and façades
- For deep primer, limestone, cement and bitumen coatings



Article No.	Article Description	QTY
5412 170 70	FIBRE-BRICKWORKBRUSH 170X70	1

Technical Data		
Size / breadth in mm	Depth in mm	Bristle length in mm
170	70	75

Ceiling and Brick Work Brush

- For deep primer coating and paste works
- Light synthetic bristles
- Good form stability and smoothness
- No swelling when in water
- Good colour pick-up and transfer
- Wood body
- Plastic handle with holder

applications:

- Suitable for simple paintwork on wall and façade
- For deep primer coatings, paste and cleaning works



Article No.	Article Description	QTY
5412 170 70 1	CEILING/BRICKWORK BRUSH 170X70	e 12

Technical Data		
Size / breadth in mm	Depth in mm	Bristle length visible in mm
170	70	70

Angled cut brush

- for solvent-based varnish and paint systems
 - top quality „Made in Germany“
 - Tin clamps
 - strong, pure black Chinese bristles of the highest quality
 - best colour pick up and application
 - Smoothness of the brush
 - precise cut
 - first class paintwork
 - unvarnished wooden handle
- applications:**
- suitable for cutting, defining and for hard to reach places

Varnishes	Solvents	Water	Latex
•	•••	•	••



Article No.	Article Description	QTY
5416 9 15	ANGLED CUT BRUSH 15MM	e 12
5416 9 20	ANGLED CUT BRUSH 20MM	e 12
5416 9 25	ANGLED CUT BRUSH 25MM	e 12
5416 9 30	ANGLED CUT BRUSH 30MM	e 12

Technical Data		
size / breadth in mm	thickness in mm	bristle length visible in mm
15	8	17
20	8	22
25	8	25
30	8	28

Repair Paint Brush

- For solvent- and water-based varnish and colour systems
 - Pointed
 - Tin clamp
 - Varnished wooden handle
 - Black natural bristles
 - Smoothness
 - Good paintwork
- applications:**
- Ideal for repair works of paint damages (e.g. car paint, railings)

Varnishes	Solvents	Water	Latex
•	•	•	•

Article No.	Article Description	QTY
5416 4 1	REPAIR PAINT BRUSH 4MM	e 12
5416 6	REPAIR PAINT BRUSH 6MM	e 12
5416 8	REPAIR PAINT BRUSH 8MM	e 12
5416 10	REPAIR PAINT BRUSH 10MM	e 12
5416 30	MENDING BRUSH-SET 3 PIECES	1





Technical Data
Ø Bristles in mm
4
6
8
10
6/8/10

Enamel Varnish Brush

- For solvent- and water-based varnish and colour systems
- Light Chinese Bristles
- Flat tin clamp
- Smoothness of brush
- Good paintwork
- Varnished wooden handle

applications:

- Ideal for small paint works

Varnishes	Solvents	Water	Latex
			
•	•	•	•



Article No.	Article Description	QTY
5416 0	ENAMEL VARNISH BRUSH 0	e 12
5416 1	ENAMEL VARNISH BRUSH 1	e 12
5416 2	ENAMEL VARNISH BRUSH 2	e 12
5416 3	ENAMEL VARNISH BRUSH 3	e 12
5416 4	ENAMEL VARNISH BRUSH 4	e 12
5416 5	ENAMEL VARNISH BRUSH 5	e 12

Technical Data

Norm size in mm	Breadth in mm
0	11
1	13
2	16
3	19
4	22
5	24

Pointed Brush

- For emulsion and latex paints
- Light natural bristles
- Hardwood handle
- Short ferrule
- Effective absorption of paint and good covering capacity

Application areas:

- Ideal for small painting tasks

Varnishes	Solvents	Water	Latex
•	•	•	••



Technical Data	
Ø in mm	Visible bristle length in mm
15	48
18	54
21	60
25	66
29	72

Article No.	Article Description	QTY
5415 12 15	POINTED BRUSH 15MM	e 6
5415 12 18	POINTED BRUSH 18MM	e 6
5415 12 21	POINTED BRUSH 21MM	e 6
5415 12 25	POINTED BRUSH 25MM	e 6
5415 12 29	POINTED BRUSH 29MM	e 6

Stain Brush

- For acrylic colours, staining and waxing
- Pure grey Chinese bristles
- Fully glued, red plastic frame
- Polished wooden handle

applications:

- For processing of acrylic colours, staining and waxing



Technical Data		
Size / breadth in mm	Thickness in mm	Brush length, visible in mm
50	17	51
75	18	58
100	20	64

Article No.	Article Description	QTY
5414 2	STAIN BRUSH 2"	e 12
5414 3	STAIN BRUSH 3"	e 12
5414 4	STAIN BRUSH 4"	e 6

Ring Stain Brush

- For staining
- White nylon bristles
- Fully bonded, red plastic frame
- Polished wooden handle

applications:

- For application of paint remover

Varnishes	Solvents	Water	Latex
•	••	••	••



Technical Data		
Size in mm	Ø in mm	Brush length, visible in mm
8	35	42

Article No.	Article Description	QTY
5414 35	RING STAIN BRUSH 35MM	e 12

Fine foam roller, straight on both sides

- With fine foam quality (30 kg/m³)
- Suitable for painting work
- With 6 mm strap

applications:

- For watery and slightly solvent-based varnish



Article No.	Article Description	QTY
5416 100 3	REPLACE.RADIAT.MOLTOGERD 100MM	10

Superfine foam roller, straight on both sides

- Super-fine, top quality
- High-density foam (55 kg/m³)
- Particularly suitable for high-quality paint work
- For a 6 mm frame

Areas of application:

- For all synthetic resin paints, varnishes and water-soluble acrylic paints



Article No.	Article Description	QTY
5416 50	FOAM ROLL.B.SIDE STR. SF 50MM	e 20
5416 100 6	FOAM ROLL. B.SIDE STR SF 100MM	e 10

Superfine foam roller, with bowed sides

- Super-fine, top quality
- High-density foam (55 kg/m³)
- Particularly suitable for high-quality paint work

Areas of application:

- For a 6 mm frame with all synthetic resin paints, varnishes and water-soluble acrylic paints



Article No.	Article Description	QTY
5416 100 7	FOAM ROLL.B.SIDE RD SF 100MM	e 10

Superfine foam roller, rounded on both sides

- Super-fine, top quality
- High-density foam (55 kg/m³)
- Particularly suitable for high-quality paint work
- For a 6 mm frame

Areas of application:

- For all synthetic resin paints, varnishes and water-soluble acrylic paints



Article No.	Article Description	QTY
5416 100 8	FOAM ROLLER ROUND.BOTH S.100MM	e 10

Superfine foam roller, rounded surface

- Super-fine, top quality
- High-density foam (60 kg/m³)
- Particularly suitable for high-quality paint work
- For a 6 mm frame

Areas of application:

- For all synthetic resin paints, varnishes and water-soluble acrylic paints



Article No.	Article Description	QTY
5416 100 2	FOAM ROLLER ROUND.SURFACE100MM	10

Flat staining brush

- for staining
- white nylon bristles
- fully bonded, red plastic frame
- polished wooden handle

applications:

- for the application of staining products

Varnishes	Solvents	Water	Latex
•	••	••	••



Article No.	Article Description	QTY
5414 50	FLAT STAINING BRUSH 50MM	e 12
5414 75	FLAT STAINING BRUSH 75MM	e 12

Technical Data		
size / breadth in mm	thickness in mm	bristle length visible in mm
50	17	59
75	18	59

Straight paintbrush, double insulation

- Insulation in accordance with DIN EN 60900
- With eyelet for hanging
- Short design
- No electrical transmission
- Made from plastic



Article No.	Article Description	QTY
4997 5 25 180	STR.P.BRUSH D.INS.25X180MM	1

Technical Data	
B mm	L mm
25,0	180.0

Curved paintbrush, double insulation

- Insulation in accordance with DIN EN 60900
- With eyelet for hanging
- Long and curved design
- No electrical transmission
- Made from plastic



Article No.	Article Description	QTY
4997 5 25 400	CUR.P.BRUSH D.INS.25X400MM	1
4997 5 37 400	CUR.P.BRUSH D.INS.37X400MM	1
4997 5 50 400	CUR.P.BRUSH D.INS.50X400MM	1

Technical Data	
W mm	L mm
25.0	400.0
37.5	400.0
50.0	400.0

Radiator Replacement Roller **ECO**

- 4 mm pile
- Textile Cover
- Suitable for wall and ceiling paints

Areas of application:

- Solvent-based varnishes, sealings, epoxide and polyester resins



Article No.	Article Description	QTY
5416 100	REPLAC.RADIATOR.VELOUR 100MM	10

Felt paint roller

- 4 mm pile
- Felt covering
- Resistant to solvents
- For smooth surfaces
- Absolutely lint free
- For a 6 m frame

Areas of application

- For joinery, water and oil-based paints, acrylic paints, 2-component paints



Article No.	Article Description	QTY
5416 100 9	FELT PAINT ROLLER 100MM	e 10
5416 120	FELT PAINT ROLLER 120MM	e 10

Nylon polyamide paint roller

- 7 mm pile
- Nylon polyamide coating
- Resistant to solvents
- Completely lint free
- For a 6 mm frame

Areas of application

- For floor sealers, coatings, resin and oil-based paints, epoxide colours, artist's paints, 2-component paints



Article No.	Article Description	QTY
5416 100 10	PAINT R.NYLON POLYAMIDE 100MM	e 10
5416 150 1	PAINT R.NYLON POLYAMIDE 120MM	e 10

Micro-fibre paint roller

- 6 mm pile
- Microfibre quality
- Lint free VOC compliant
- High colour absorption capacity and optimal transfer
- Perfect results
- For a 6 mm frame

Areas of application:

- Low viscosity liquids, varnishes, wood preservatives and water-based paints



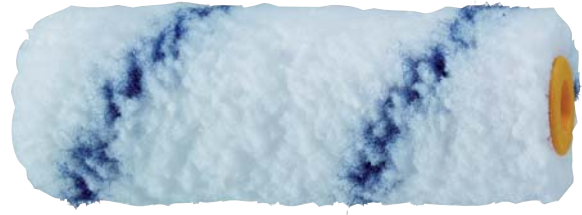
Article No.	Article Description	QTY
5416 120 1	PAINT ROLLER MICRO-FIBRE 120MM	e 10

Polyester radiator roller

- 12 mm pile
- solvent-resistant
- woven polyester
- lint-free
- for 6 mm handle

applications:

- for dispersions and water-based paints, latex paints and acrylics



Article No.	Article Description	QTY
5416 100 11	POLYESTER RAD. ROLLER 100MM	e 10
5416 150 2	POLYESTER RAD. ROLLER 150MM	e 10

Polyamide roller

- 12 mm pile
- polyamide
- solvent-resistant
- especially for smooth undercoats
- for 6 mm handles

applications:

- for dispersions, distemper and latex paints



Article No.	Article Description	QTY
5416 100 5	REPLACE.RADIATOR.NYLON 100MM	10
5416 150 3	PAINT ROLLER POLYAMIDE 150MM	e 10

Polyamide-twine radiator roller **FÖRCH*******

- 12 mm pile
- polyamide-twines
- optimum colour pick-up and application
- absolutely lint-free
- for 6 mm handle

applications:

- best results th wall and façade paints on all undercoats



Article No.	Article Description	QTY
5416 100 12	RAD.ROLLER POLYAM-TW. 5* 100MM	e 10
5416 150 4	RAD.ROLLER POLYAM-TW. 5* 150MM	e 10

Polyamide radiator roller **FÖRCH*******

- professional quality
- 12 mm pile
- high quality polyamide
- sturdy top quality
- solvent-resistant
- for 6 mm handle

applications:

- best results with wall and façade paint on all undercoats



Article No.	Article Description	QTY
5416 120 2	RAD.ROLLER POLYAMIDE 5* 120MM	e 10

Microfibre paint roller

- 6 mm pile
- microfibre quality
- lint-free
- VOC compliant
- high colour retention and optimum transfer
- perfect result
- for 8 mm handles

application:

- runny materials, glazes, wood preservative and water-based paints



Article No.	Article Description	QTY
5416 180 4	MICROFIBRE PAINT ROLLER 180MM	e 10

Paint roller nylon-polyamide

- 7 mm pile
- Nylon-polyamide cover
- solvent resistant
- absolutely lint free
- for 8 mm brackets

Fields of application:

- for floor sealing, coatings, resins and oil colours, 1 Epoxy paints, artificial colours, 2-component colours



Article No.	Article Description	QTY
5416 180 5	PAINT ROLLER NYL.-POLYAM.180MM	e 10
5416 250 4	PAINT ROLLER NYL.-POLYAM.250MM	e 10

Short pile polyamide paint roller

- 12 mm pile
- polyamide
- solvent-resistant
- for 8 mm handles
- especially for smooth undercoats

applications:

- for dispersions, distemper and latex paints

Article No.	Article Description	QTY
5416 180 6	PAINT ROLLER POLYAM.SH.P.180MM	e 10
5416 250 5	PAINT ROLLER POLYAM.SH.P.250MM	e 10



Replacement Roller - Krolon

- For 8mm brackets
- White
- Thick, soft Krolon cover
- Can be used as brick work roller for latex and dispersion paints
- Pile Height: 20 mm
- Ø 80 mm

Article No.	Article Description	QTY
5416 180 1	PAINT ROLLER POLYES. ECO 180MM	1
5416 250 1	PAINT ROLLER POLYES. ECO 250MM	1



Replacement Roller Perlon

- For 8mm brackets
- Cover made from woven polyamide with lurex, twined
- Suitable for Binder, Dispersion and latex paints
- Pile Height: 18 mm
- Ø 75 mm



Article No.	Article Description	QTY
5416 180 2	REPLACEM.ROLLER PERLON 180MM	1
5416 250 2	REPLACEM.ROLLER PERLON 250MM	1

Polyamide ink roller

- 18 mm pile
- high quality polyamide
- solvent-resistant
- sturdy top quality
- for 8 mm handle
- applications:

best results:

- with wall and façade paints on all undercoats



Article No.	Article Description	QTY
5416 180 7	COLOUR ROLLER POLY.180MM 5*	e 10
5416 250 6	COLOUR ROLLER POLY.250MM 5*	e 10

ECO polyacrylic roller

- 18 mm pile
- padded
- circular-knitted polyacrylic
- for 8 mm handles

applications:

- for dispersion, latex, silicon resin and silicate paints, water-soluble varnishes



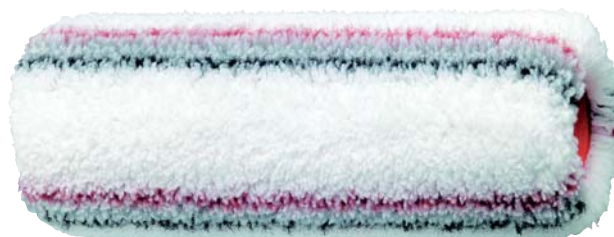
Article No.	Article Description	QTY
5416 200	POLYACRYLIC ROLLER ECO 200MM	1
5416 270	POLYACRYL ROLLER ECO 270MM	1

Polyester ink roller

- 18 mm pile
- 5 mm padded
- woven polyester
- for 8 mm handles
- for dispersions and water-soluble paints

applications:

- especially for rough undercoats



Article No.	Article Description	QTY
5416 200 1	INK ROLLER POLYESTER 200MM	e 10
5416 270 2	INK ROLLER POLYESTER 270MM	e 10

Polyamide - twine roller

- 21 mm pile
- polyamide-twines
- long life
- optimum colour pick-up and application
- absolutely lint-free
- for 8 mm handle

applications:

- best results with wall and façade paints on all undercoats



Article No.	Article Description	QTY
5416 180 8	TWINE ROLLER POLYAMIDE5* 180MM	e 10
5416 250 7	TWINE ROLLER POLYAMIDE5* 250MM	e 10
5416 270 3	TWINE ROLLER POLYAMIDE5* 270MM	e 10

Hand tools

Trimming roller

- with 6 mm brackets
- Bracket length: 27 cm
- **woven polyamide cover**
- pile height: 12 mm
- colour: white

applications:

- for trimming edges quickly and easily | with dispersion and latex paints

Article No.	Article Description	QTY
5416 270 1	TRIMMING ROLLER 270MM	e 10



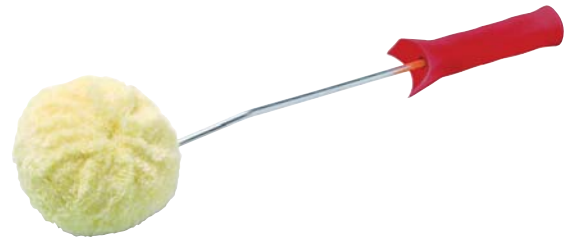
Corner roller

- with 6 mm brackets
- Bracket length: 42 cm
- **polyacrylic cover**

applications:

- to apply dispersion and latex paints

Article No.	Article Description	QTY
5416 420	CORNER ROLLER MICROF. 420MM	1
5416 420 1	REPL.CORNER ROLLER 420MM	1



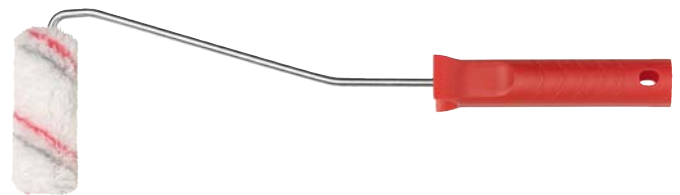
Radiator Roller

- 12mm pile
- Polyamide woven

Application:

- For dispersion, latex, silicone resin and silicate paints, water-soluble varnishes

Article No.	Article Description	QTY
5416 100 4	RADIATOR ROLLER PERLON 100MM	1



Super fine paint roller set

- 3 super fine lacquer rollers
- very dense foam (55 kg/m³)
- particularly suitable for high quality varnishing work

applications:

- for all synthetic resins, glazes and water-based acrylic paints

Article No.	Article Description	QTY
5416 100 13	PAINT ROLLER SET SUPERF.100MM	1 k



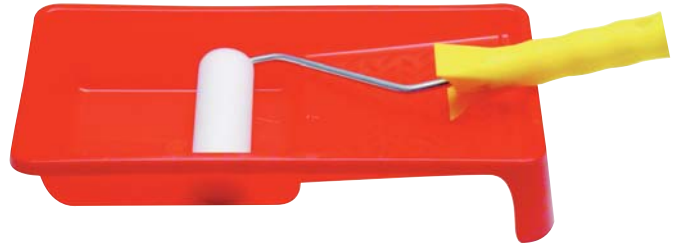
Super fine varnishing set

- paint roller: 110 mm
- super fine top quality
- highly dense foam 55 kg/m³)
- particularly suitable for high quality varnishing work

applications:

- for all synthetic resins, glazes and water-based acrylic paints

Article No.	Article Description	QTY
5416 100 14	VARNISHING SET SUPERFINE 100MM	e 10



Polyester roller set

- 2 texalon radiator brushes 100 mm
- woven polyester
- solvent-resistant
- lint-free
- with paint tray and bracket

applications:

- for dispersions, water-soluble paints, latex paints and acrylics

Article No.	Article Description	QTY
5416 100 15	PAINT ROLLER SET POLY. 100MM	1



Paint Roller

- Complete with 6mm bracket
- Textile Cover
- For wall and ceiling paints
- Pile Height: 18 mm
- Ø 70 mm

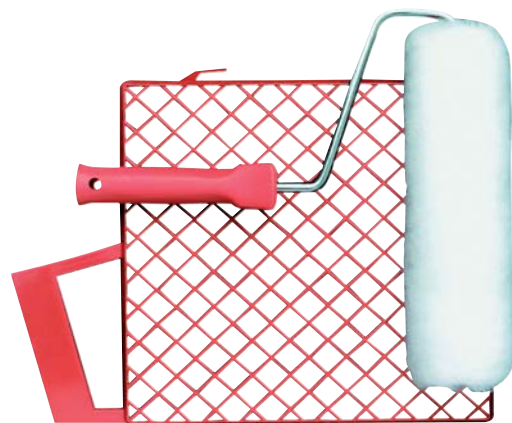
Article No.	Article Description	QTY
5416 180	PAINT ROLLER 180MM	1



Vestan paint roller set

- best Vestan quality
- 8 mm bracket and mesh
- for easy paintwork

Article No.	Article Description	QTY
5416 250 14	PAINT ROLLER SET VESTAN 250MM	e 30



Aluminium/Metal Extension Rod

- Continuously adjustable

Art.-No. 5416 1000:

- Aluminium
- light and robust for painters
- compatible with Art.-No. 5416 180 3, 5416 250 3, 5416 260 and 5416 400
- with locking function

Art.-No. 5416 1100:

- plastic coated
- compatible with all paint roller straps
- with plug-on function

Art.-No. 5416 1700:

- Aluminium
- light and robust for painters
- compatible with all paint roller straps
- with plug-on function



Article No.	Article Description	QTY
5416 1000	EXTENSION ROD ALU 1000X2000	1
5416 1100	EXTENSION ROD METAL 100X200	1
5416 1700	EXTENSION ROD ALU 1700X3000	e 10

Plastic paint tray

- made from break-proof and solvent-resistant plastic
- with measuring lines and spout

Article No.	Article Description	QTY
5416 150 270	PAINT TRAY PLASTIC 150X320X55MM	1
5416 260 290	PAINT TRAY PLAST. 260X320X60MM	1



Plastic Roller Grid

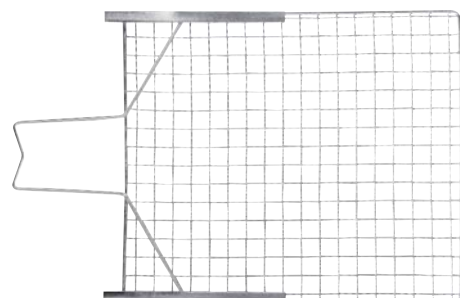
Article No.	Article Description	QTY
5416 220 250	PLASTIC ROLLER GRID 220X250MM	1
5416 270 290	PLASTIC ROLLER GRID 270X290MM	1



Metal grid

- galvanised metal

Article No.	Article Description	QTY
5416 260 300	METAL GRID 260X300 MM	e 10



Radiator Roller Bracket

- Ø 6 mm
- Ergonomically profi grip
- Galvanized

Art.-No. 5416 200 2:

- suitable for rolls up to 50 mm

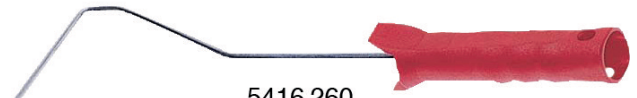
Art.-No. 5416 260 and 5416 400:

- suitable for rolls between 100 mm - 150 mm

Article No.	Article Description	QTY
5416 200 2	RAD.ROLLER BRACK.MINI ECO200MM	1
5416 260	RADIATOR ROLLER BRACKET 260MM	1
5416 400	RADIATOR ROLLER BRACKET 400MM	1



5416 200 2



5416 260

5416 400

Paint roller bracket 2K, 6 mm

- Ø6 mm
- ergonomic 2-component handle
- high gloss zinc-coated
- suitable for rolls between 100 mm - 150 mm

Article No.	Article Description	QTY
5416 270 4	PAINT ROLLER 2-C-GRIP 270 MM	e 10
5416 420 2	PAINT ROLLER 2-C-GRIP 420 MM	e 10



Roller Bracket

- Ø 8 mm
- Ergonomically profi grip
- Galvanized
- suitable for rolls between 180 mm - 270 mm

Article No.	Article Description	QTY
5416 180 3	ROLLER BRACKET 180MM	1
5416 250 3	ROLLER BRACKET 250MM	1



Paint roller bracket 2K, 8mm

- Ø8 mm
- ergonomic 2-component handle
- high gloss zinc-coated
- suitable for rolls between 180 mm - 270 mm

Article No.	Article Description	QTY
5416 180 9	PAINT ROLLER 2-C-GRIP 180 MM	e 10
5416 250 10	PAINT ROLLER 2-C-GRIP 250 MM	e 10



Joint-Filler Knife

- Special plastic
- High-flexible
- Acid resistant
- For rapid and clean smoothing of silicone and acrylic joints

Article No.	Article Description	QTY
5422 140 60	JOINT-FILLER KNIFE 8.5X40MM	1
5422 140 60 3	JOINT-FILLER SET 3-PIECES	1
5422 140 60 7	JOINT-FILLER SET 7-PIECES	1



Spatulas

- Rust-free quality (stainless steel spatula)
- Black, robust plastic handle (stainless steel spatula)
- Hand protection cap (spatula)
- Perfect for scraping and plaster cracks, and to remove old paint-works and wallpapers

Article No.	Article Description	QTY
5422 40	STAINLESS STEEL SPATULA 40MM	1 d
5422 60	STAINLESS STEEL SPATULA 60MM	1 d
5422 80	STAINLESS STEEL SPATULA 80MM	1 d
5422 100	STAINLESS STEEL SPATULA 100MM	1 d
5422 20 1	SPATULA 20MM	1 d
5422 40 1	SPATULA 40MM	1 d
5422 50 1	SPATULA 50MM	1 d
5422 60 1	SPATULA 60MM	1 d
5422 80 1	SPATULA 80MM	1 d
5422 100 1	SPATULA 100MM	1 d



Japan Filler Kit

- 4-part
- Tool made of high-quality, rust-free, elastic Sweden steel
- Perfect to abrade surfaces or filling compounds

Article No.	Article Description	QTY
5422 4	JAPAN FILLER KIT 4-PART	1

Contents:

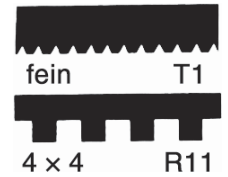
- 1x Japan filler 50, 80, 105 and 120 mm



Metal Toothed Spatula

Technical Data

Art.-No.	Type	Tooth form
5422 180 1	T1	Trapeziod fine
5422 180 11	R11	Rectangle 4x4 mm



Article No.	Article Description	QTY
5422 180 1	METAL TOOTHED SPATULA T1 180MM	1 z
5422 180 11	METAL TOOTH.SPATULA R11 180MM	1

Surface Spatula with Soft Handle

- Rust-free

Article No.	Article Description	QTY
5422 400	SURF.SPATULE SOFT HANDLE 400MM	1
5422 500	SURF.SPATULE SOFT HANDLE 500MM	1



Plaster Cup

- Black
- Natural rubber - flexible break-resistant

Article No.	Article Description	QTY
5422 10	PLASTER CUP ROUND	1
5422 11	PLASTER CUP FLAT	1



5422 10



5422 11

Plasterers' Pan

- Diameter 18 cm
- Zinc-plated
- Wooden handle

Article No.	Article Description	QTY
5422 18	PLASTERES PAN 18CM	1



Plastering spatula

- Blade made of standard steel, conically ground and polished
- Plastic-coated handle

Article No.	Article Description	QTY
5422 9	PLASTERING SPATULA 10MM	1
5422 15	PLASTERING SPATULA 15MM	1
5422 20	PLASTERING SPATULA 20MM	1
5422 25	PLASTERING SPATULA 25MM	1
5422 30	PLASTERING SPATULA 30MM	1



Float - Felt

- Completely with hardened felt coating
- 10 mm strong

Article No.	Article Description	QTY
5422 140 280 9	FLOAT - FELT 140X280	1



Float - Rubber Sponge

- Completely with rubber sponge coating
- 20 mm strong

Article No.	Article Description	QTY
5422 140 280 11	FLOAT - RUBBER SPONGE 140X280	1
5422 180 320	REPLACE.RUBBER SPONGE 180X320	1



Float - Cellular Rubber

- Completely with cellular rubber coating
- Black / green
- 10 mm strong

Article No.	Article Description	QTY
5422 140 280 12	FLOAT-CELLUL.RUB.BLACK 140X280	1
5422 140 280 13	REPL.CELLULAR RUB.BLACK140X280	1



Float - Plastic

- Easy to use
- Light and comfortable grip
- No sticking of plaster
- No moving caused by humidity
- 15 - 20 mm strong

Article No.	Article Description	QTY
5422 140 280 7	FLOAT PLASTIC 140X280	1
5422 180 320 1	FLOAT PLASTIC 180X320	1
5422 220 420	FLOAT PLASTIC 220X420	1
5422 240 480	FLOAT PLASTIC 240X480	1



Float - Hood

- Multi-layered wooden plate with plastic handle
- Lime-resistant
- Low wear due to rubbing
- Approx. 12 - 15 mm strong

Article No.	Article Description	QTY
5422 140 280 8	FLOAT - HOOD 140X280	1
5422 180 320 2	FLOAT - HOOD 180X320	1
5422 200 360	FLOAT - HOOD 200X360	1



Float - Latex Sponge

- Completely with latex coating
- 20 mm strong



Article No.	Article Description	QTY
5422 140 280 16	FLOAT - LATEX 140X280	1

Tile Wash Board

Art. No. 5422 140 280 3:

- Completely with foamed material
- 40 mm strong

Art. No. 5422 140 280 5:

- Completely with hydro-sponge coating
- 40 mm strong

Art. No. 5422 160 110:

- Extremely absorbent
- 60.5 mm strong



5422 140 280 3



5422 140 280 5



5422 160 110

Article No.	Article Description	QTY
5422 140 280 3	TILE-WASHBOARD FOAM 140X280	1
5422 140 280 5	TILE-WASHBOARD HYDRO 140X280	1
5422 140 280 6	REPLACEMENT HYDRO 140X280	1
5422 160 110	HAND SPONGE HYDRO 160X110X60.5	1

Joint Rubber

- Suitable for grouting works
- With wooden back



Article No.	Article Description	QTY
5422 250	JOINT RUBBER 250MM	1

Brush for Wall Covering

- Strong hair
- With front beard

Article No.	Article Description	QTY
5422 650 230	BRUSH F.WALL COVERING 60X230MM	1



Pressure Roller for Wall Coverings

- Flexible
- For pressing on heavy wallpapers or films
- Pressing on roll-Ø: 65 mm
- Ø clip: 8 mm

Article No.	Article Description	QTY
5422 180 12	PRESS.ROLL.FOR WALL COVER180MM	1



Pressure Roller

- One-armed
- Pressure roller-Ø: 40 mm
- Suitable for pressing on of window sills, heavy wallpapers or films
- Width: 50 mm

Article No.	Article Description	QTY
5422 70	PRESSURE ROLLER 50MM	1



Cutting Ruler / Wall Paper Tear Off

- Multipurpose device for cutting works during paperhanging
- For removing wallpaper
- For covering during paintworks
- Rustless steel rail with plastic handle



Article No.	Article Description	QTY
5422 450	CUTTING RULER 600MM	1

Working Scissors

- Polished blades
- Black handle, varnished

Article No.	Article Description	QTY
4760 2	WORKING SCISSOR 200MM	1 s
4760 2 1	WORKING SCISSOR 250MM	1



Universal Scissors

- For wallpapers, films, plastics etc.

Article No.	Article Description	QTY
4760 3 2	UNIVERSAL SCISSORS	1



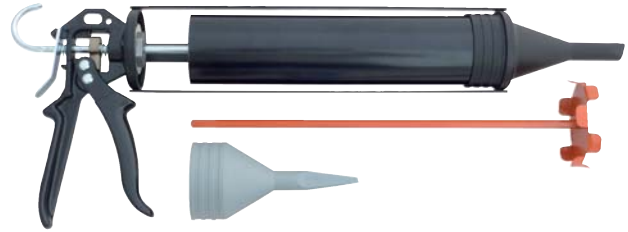
Mortar Cartridge

- Optimum processing of e.g. grout
- Exactly filled seams ensure maximum hold, firmness and stability

Article No.	Article Description
6010 1000	MORTAR CARTRIDGE FX-1000

Scope of delivery:

- 1x filling tube with a volume of approx. 1 liter, 2 nozzles, 1x mixer



Trowel - Plastic

- Made of plastic
- 3 mm strong sheet

Article No.	Article Description	QTY
5422 140 280 1	TROWEL PLASTIC 140X280MM	1



Trowel, stainless steel, wooden handle

- Blade made of stainless steel
- Quadruple welded
- with beechwood handle

Article No.	Article Description	QTY
5422 130 280	TROWEL METAL 130X280MM	1



Trowel, stainl. steel, 2-comp. soft-grip handle

- Blade made of stainless steel
- Quadruple welded
- Handle made of 2-component plastic

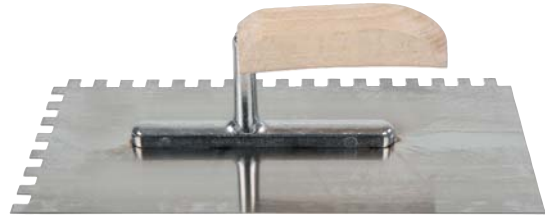
Article No.	Article Description	QTY
5422 130 280 1	TROWEL METAL SOFT 130X280MM	1



Trowel - Toothed

- Blank
- Toothed at both sides
- Dimension LxW: 130 x 280 mm

Article No.	Article Description	QTY
5422 130 280 3	TROWEL TOOTHED 130X280 4X4	1
5422 130 280 4	TROWEL TOOTHED 130X280 6X6	1
5422 130 280 5	TROWEL TOOTHED 130X280 8X8	1
5422 130 280 6	TROWEL TOOTHED 130X280 10X10	1
5422 130 280 7	TROWEL TOOTHED 130X280 12X12	1



Trowel, Stainless Steel, Toothed

- Blade made of stainless steel
- Quadruple welded
- with beechwood handle
- Toothed on two sides

Article No.	Article Description	QTY
5422 130 8	TROWEL ST.STEEL 130X280 8X8	1
5422 130 10	TROWEL ST.STEEL 130X280 10X10	1



Trowel in St.steel, Toothed 2-comp. Soft-grip Handle

- Blade made of stainless steel
- Quadruple welded
- with 2-component plastic handle
- Toothed on two sides

Article No.	Article Description	QTY
5422 130 5 8	TROWEL ST.STEEL 2C-SOFT 8X8	1
5422 130 5 10	TROWEL ST.STEEL 2C-SOFT 10X10	1



Trowel for plastering – Berner

- Blade made of stainless steel
- with beechwood handle
- Art.-No. 5422 140 5 with 2-component plastic handle

Article No.	Article Description	QTY
5422 120 1	TROWEL FOR PLAST.BERNER 120MM	1
5422 140 2	TROWEL FOR PLAST.BERNER 140MM	1
5422 160 2	TROWEL FOR PLAST.BERNER 160MM	1
5422 140 5	TROWEL BERNER SOFT 140MM	1



Mason's trowel, swan-neck handle

- Blade made of stainless steel
- with beechwood handle
- Art.-No. 5422 160 5 and Art.-No. 5422 180 8 with 2-component plastic handle

Article No.	Article Description	QTY
5422 160 1	SWAN-NECK-SHAPED TROWEL 160MM	1
5422 180 6	SWAN-NECK-SHAPED TROWEL 180MM	1
5422 160 5	SWAN-NECK SHA.TROW.SOFT 160MM	1
5422 180 8	SWAN-NECK-SHA.TRO.SOFTGR.180MM	1



Mason's trowel, swan-neck handle, forged

- Blade and handle forged out of one piece
- Hardened blade
- Conically ground
- with beechwood handle

Article No.	Article Description	QTY
5422 160 7	TROWEL FORGED S-NECK 160MM	1
5422 180 7	TROWEL FORGED S-NECK 180MM	1
5422 200 7	TROWEL FORGED S-NECK 200MM	1



Mason's trowel, straight

- Blade made of stainless steel
- with beechwood handle

Article No.	Article Description	QTY
5422 160	TROWEL STRAIGHT 160MM	1
5422 180 5	TROWEL STRAIGHT 180MM	1



Trowel – Berliner

- Blade made of stainless steel
- with beechwood handle

Article No.	Article Description	QTY
5422 40 2	BERLINER TROWEL 40MM	1



Cat tongue trowel

- Blade made of stainless steel
- with beechwood handle

Article No.	Article Description	QTY
5422 140 3	CAT TONGUE TROWEL 140MM	1
5422 160 3	CAT TONGUE TROWEL 160MM	1



Trowel for outer corners

- Blade made of hardened stainless steel
- with beechwood handle

Article No.	Article Description	QTY
5422 80 4	TROWEL EXT.CORN.90/ 80X60X60MM	1



Trowel for inner corners

- Blade made of stainless steel
- with beechwood handle

Article No.	Article Description	QTY
5422 80 60	INNER CORN.TROWEL90/ 80X60X60	1



Joint Trowel - German

- Steel-version
- With beech wooden handle
- Conical, flexible ground

Article No.	Article Description	QTY
5422 6 1	GERMAN JOINT TROWEL 6MM	1
5422 8 1	GERMAN JOINT TROWEL 8MM	1
5422 10 1	GERMAN JOINT TROWEL 10MM	1
5422 12 1	GERMAN JOINT TROWEL 12MM	1
5422 14 1	GERMAN JOINT TROWEL 14MM	1



Plasterer's Spatula

- Rust-free
- With wooden handle

Article No.	Article Description	QTY
5422 40 3	PLASTERER'S SPATULA 40MM	1
5422 50 3	PLASTERER'S SPATULA 50MM	1
5422 60 3	PLASTERER'S SPATULA 60MM	1
5422 80 3	PLASTERER'S SPATULA 80MM	1
5422 100 3	PLASTERER'S SPATULA 100MM	1
5422 120 3	PLASTERER'S SPATULA 120MM	1
5422 60 2	PLAST.SPATULA SOFT-GRIP 60MM	1
5422 80 2	PLAST.SPATULA SOFT-GRIP 80MM	1



5422 40 3



5422 60 2

Light alloy spirit level

- Strong rectangular profile made of aluminium
- Corrosion, impact and distortion-resistant with low weight
- Electrostatically powder-coated surface
- Scratch-proof, smooth surface
- Barrel-shaped bubble tubes made of block acrylic glass
- Unbreakable and leak-proof, 5 years warranty, no reflections, precise reading at a viewing angle of 300°
- Special fluorescent bubble tube liquid resistant to UV radiation and therefore no bleaching or hazing of the liquid
- Sustained optimum reading quality
- Sustained measurement accuracy
- Shock-proof bubble tube fixing
- Measurement accuracy with normal measurement: 0.057° corresponds to 1.0 mm/m



Article No.	Article Description	QTY
4717 40 1	LIGHT-METAL SPIRIT LEVEL 40CM	1
4717 60 1	LIGHT-METAL SPIRIT LEVEL 60CM	1
4717 80 1	LIGHT-METAL SPIRIT LEVEL 80CM	1
4717 100 1	LIGHT-METAL SPIRIT LEVEL 100CM	1
4717 120 1	LIGHT-METAL SPIRIT LEVEL 120CM	1
4717 150 1	LIGHT-METAL SPIRIT LEVEL 150CM	1
4717 180 1	LIGHT-METAL SPIRIT LEVEL 180CM	1
4717 200 1	LIGHT-METAL SPIRIT LEVEL 200CM	1

Light alloy spirit level set



4717 150 1



4717 120 1



4717 100 1



4717 80 1



4717 60 1

Article No.	Article Description	QTY
4717 60 150	LIGHT ALLOY SPIRIT LEV.5-PART	1

Contents:

- 1x Art.-No. 4717 60 1: 60 cm
- 1x Art.-No. 4717 80 1: 80 cm
- 1x Art.-No. 4717 100 1: 100 cm
- 1x Art.-No. 4717 120 1: 120 cm
- 1x Art.-No. 4717 150 1: 150 cm

Straight Edge with Handles and 2 Vials



- Sag resistance and stable aluminium hollow profile with plastic end caps
- 1 horizontal vial, 1 vertical vial and 2 grip openings
- Cross-sectional profile: 18 x 100 mm
- Length: 2.00 m

Article No.	Article Description	QTY
4717 200 3	STRAI.EDGE W.HANDLE/VIAL 200CM	1

Straight Edge with 2 Vials



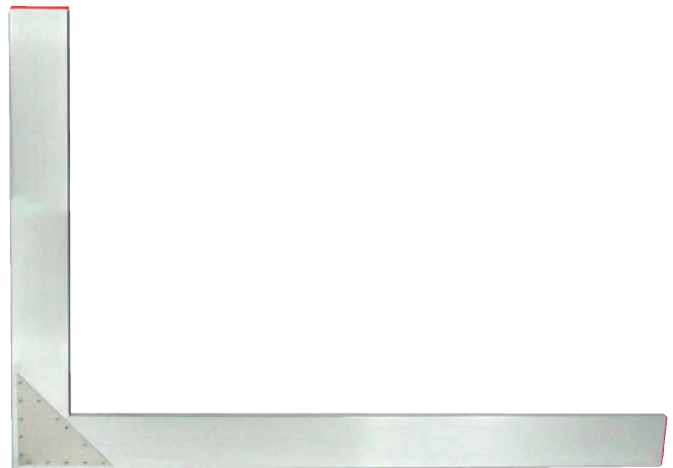
- Sag resistance and stable aluminium hollow profile with plastic end caps
- 1 horizontal vial, 1 vertical vial
- Cross-sectional profile: 18 x 100 mm
- Length: 1.80 m

Article No.	Article Description	QTY
4717 180 3	STRAIGHT EDGE WITH VIAL 180CM	1

Construction Square

- Material: Aluminium
- Dimensions (L x W): 100 x 150 cm
- Flat aluminium plates positioned at 90°, riveted on both sides

Article No.	Article Description	QTY
4717 1000 1500	CONSTRUCTION SQUARE 1X1.5M	1



Ideal-Lever Sheet Scissors

- With induction hardened cutting edge
- With attached spring
- For straight and curved cuttings

Article No.	Article Description	QTY
4901 260	IDEAL-SCISSORS RIGHT 260	1
4901 260 1	IDEAL-SCISSORS LINKS 260	1



Lever Sheet Scissors Figures

- With induction hardened cutting edge
- With integrated spring
- For short straight and figure cuts

Article No.	Article Description	QTY
4901 260 10	FIGURE LEVER SCISSORS RIGHT260	1
4901 260 11	FIGURE LEVER SCISSORS LEFT 260	1



Sheet Shears Pelican

- With induction hardened cutting edge
- Especially for long and straight cuttings
- With integrated spring

Article No.	Article Description	QTY
4901 300	PELICAN-SHEET SHEARS 300	1



Sheet Shears Ideal

- With induction hardened cutting edge
- For straight and curved cuttings
- With integrated spring

Article No.	Article Description	QTY
4901 280	IDEAL-SHEET SHEARS RIGHT 280	1
4901 280 1	IDEAL-SHEET SHEARS LEFT 280	1



Ideal-Sheet Scissors

- With induction hardened cutting edge
- For short, straight and curved cuttings (wide radii)

Article No.	Article Description	QTY
4901 250	HOLE-SHEET SHEARS RIGHT 250	1
4901 250 1	HOLE-SHEET SHEARS LEFT 250	1 s



Stirrer Hexagonal

- Stable stirring rod made of round steel
- Hexagonal connection
- Galvanized surfaces guarantees long lifetime
- Quality welding connection provides for high stability
- Protective ring prevents damaging on the bottom of the mixing vessel



Article No.	Article Description	QTY
5417 6 80 1	STIRRER HEXAGON.80MM RONDE	1
5417 6 100	STIRRER HEXAGON.100MM RONDE	1
5417 6 100 1	STIRRER HEX.100MM 3W PULLING	1
5417 6 120	STIRRER HEXAGON.120MM RONDE	1
5417 6 120 1	STIRRER HEX.120MM 3W PULLING	1



5417 6 120 5417 6 120 1

Technical Data

Art. No.	Type	Ø mm	Shaft-connection	Shaft-Ø mm	Length mm	Machine performance min.	Type/Application
5417 6 80 1	Ronde	80	hexagonal	8	400	Battery-oper. driver	classic stirrer, suitable for all kinds of liquids
5417 6 100	Ronde	100	hexagonal	10	600	Battery oper. driver, Drilling mach. 500 W	
5417 6 100 1	Ronde	120	hexagonal	10	600	Drilling machine 700 W	
5417 6 120	3 W pulling	100	hexagonal	10	600	Drilling machine 700 W	3 strong mixing blades make fast working possible for all medium heavy and tough materials
5417 6 120 1	3 W pulling	120	hexagonal	10	600	Drilling machine 900 W Mixer 850 W Mixer at least 1000 W	

Application materials Ronde:

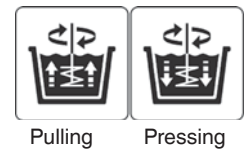
- Colours, paints, varnishes, primer, wallpaper paste, chemicals, cement sludge, epoxyd resin, compensation compound

Application materials pulling:

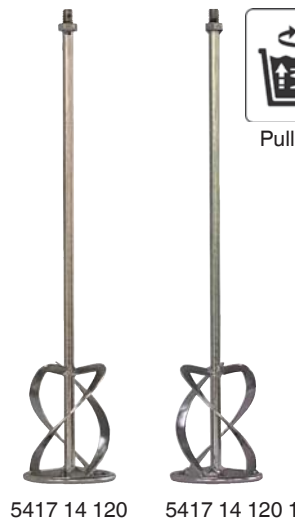
- Adhesive and ready-mixed mortar, epoxyd resin, plaster, concrete, filler compound, tile adhesive, full thermal insulation, casting compound

Stirrer M14

- Stable stirrer rod made of round steel
- M14 connection
- Galvanized surface guarantees long lifetime
- Quality welding connection provides for high stability
- Protective ring prevents damaging on the bottom of the mixing vessel



Article No.	Article Description	QTY
5417 14 120	STIRRER M14 120MM 3W PULLING	1
5417 14 140	STIRRER M14 140MM 3W PULLING	1
5417 14 120 1	STIRRER M14 120MM 3W PRESSING	1
5417 14 140 1	STIRRER M14 140MM 3W PRESSING	1



5417 14 120 5417 14 120 1

Technical Data

Art. No.	Type	Ø mm	Shaft-connection	Shaft-Ø mm	Length mm	Machine performance min.	Type/Application
5417 14 120	3 W pulling	120	M14	14	600	Mixer 850 W	3 strong mixing blades make fast working possible for all medium heavy and tough materials
5417 14 140	3 W pulling	140	M14	14	600	Mixer at least 1000 W	
5417 14 120 1	3 W pressing	120	M14	14	600	Mixer at least 1000 W	no squirting out of the material, 3 strong mixing blades for light and medium heavy materials
5417 14 140 1	3 W pressing	140	M14	14	600	Mixer at least 1200 W	

Application materials pulling:

- Adhesive and ready-mixed mortar, epoxyd resin, plaster, concrete, filling compound, tile adhesive, full thermal insulation, casting compound

Application materials pressing:

- Colours, paints, varnishes, filler, wallpaper paste, chemicals, cement sludge, epoxyd resin, compensation compound

Agitator 1,600 Watt

- High-performance engine with soft start
- Ergonomic handle
- Air supply for optimum engine cooling
- M14 intake for direct power transmission and quick tool change
- Including agitator-Ø 120 mm (pulling method)

Fields of application:

- Light to heavy mixing works of plaster, mortar, construction adhesive, filler etc.

Technical Data

Power consumption:	1,600 Watt
Idle speed:	1. speed 150 - 300 rpm 2. speed 300 - 650 rpm
Machine chuck:	M14
Max. agitator-Ø:	120 mm
Protection type:	II

Article No.	Article Description	QTY
5326 1600	AGITATOR 1600W	1
5326 1600 1	(PAIR)CARB.BRUSH.F. NT10017	1



Cutting knife, 9 mm

- High-quality design made from die-cast zinc
- Stainless steel blade guides
- Blade feed for two blades
- Blade locking mechanism using lock slide
- Tool-free blade change
- Ergonomic shape
- With protective cap
- Integrated snap-off aid



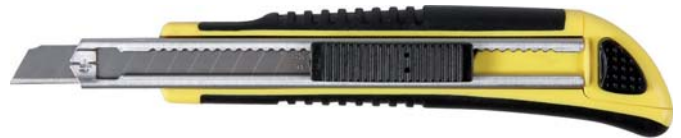
Article No.	Article Description	QTY
4762 9 5	CUTTING KNIFE 9MM 5*	1

Scope of delivery:

- 3 x snap-off blades, 9 mm

Magazine cutter knife 9 mm plastic 2K

- With a two-component casing for a secure grip
- Simple blade ejection by pushing the slider forwards
- Automatic blade replacement
- Automatic fixation for safe work
- Blade magazine for up to 6 blades



Article No.	Article Description	QTY
4762 9 3	MAGAZINE CUTTERKNIFE 9MM 2-K	e 12

Scope of delivery:

- 3x snap-off blades 9 mm

Cutter knife 9 mm plastic 2K

- With a two-component casing for a secure grip
- Tool-less blade change
- Stable blade guiding rail in stainless steel
- Blade magazine for two blades
- Integrated snap-off aid



Article No.	Article Description	QTY
4762 9 2	CUTTERKNIFE 9MM 2-K	1

Scope of delivery:

- 3x snap-off blades 9 mm

cutting knife with clamping wheel,9 mm

- breakable cutting blade
- blade fixed in cutting settings using clamp system - feeding mechanism cannot be accidentally changed
- easy to change the blade without a screwdriver
- die-cast metal body for increased stability and lower weight



Article No.	Article Description	QTY
4762 9 1	CUTTING KNIFE 9MM W.CL.WHEEL	1 f

Cutting Knife Blade 9 mm **ECO**

- Universal knife with 9 mm blade, metal design with belt clip



Article No.	Article Description	QTY
4762 9	CUTTING KNIFE 9MM	1

18 mm cutting knife

- High quality design made from cast zinc
- Robust stainless steel blade guide
- Easy blade removal by pressing the locking slide
- Automatic blade reloading
- Blade magazine for up to 6 blades
- Ergonomic shape

Article No.	Article Description	QTY
4762 18 5	CUTTING KNIFE 18MM 5*	1

Scope of delivery:

- 3x snap-off blades, 18 mm



Knife Type 6

- Safety hold for the knife during the working process
- For precise work
- Handy plastic housing, blade 18 mm
- 3 blades in the handle
- **Replacement blades:** 4762 10 8, 4762 10 40

Article No.	Article Description	QTY
4762 6	FÖRCH KNIFE 18MM RETR.BLADE	1 D



Cutter knife 18 mm

- Stable plastic casing
- Sturdy metal blade guiding rail
- Blade magazine for two blades
- Ergonomic form
- Automatic fixation for safe work

Article No.	Article Description	QTY
4762 18 3	CUTTERKNIFE 18MM	1

Scope of delivery:

- 1x snap-off blade 18 mm



Cutter knife 18 mm 2K

- Plastic casing with rubber cladding for a secure grip
- Sturdy metal blade guiding rail
- Ergonomic form
- Automatic fixation for safe work

Article No.	Article Description	QTY
4762 18 2	CUTTERKNIFE 18MM 2-K	e 24

Scope of delivery:

- 1x snap-off blade 18 mm



Safety Knife

- High-quality design made from cast zinc
- Automatic blade retraction
- Tool-free blade removal
- Internal blade magazine
- Ergonomic shape



Article No.	Article Description	QTY
4762 12 5	SAFETY KNIFE 5*	1

Scope of delivery:

- 3x trapeze blades

Safety Knife, Plastic 2K

- Plastic ABS casing with rubber grip inserts
- Ergonomic, non-slip design with a sliding lever on the side
- With retraction spring
- As soon as the sliding lever is released, the blade is immediately retracted into the casing
- With sturdy metal guide rail



Article No.	Article Description	QTY
4762 12 1	SAFETY KNIFE PLASTIC 2-K	1

Scope of delivery:

- 1x trapezoidal blade

Metal Safety Knife

- Robust housing made of die-cast zinc
- Rubber coating for a secure grip
- Automatic blade retraction
- Blade exchange using screwdriver
- Internal retraction spring is protected against slipping



Article	Article Description	Artikel-Bezeichnung	QTY
4762 12 2	METAL SAFETY KNIFE		e 5

Carpet knife

- High-quality design made from cast zinc
- Manual blade return
- Tool-free blade replacement
- Internal blade magazine
- Ergonomic shape

Article No.	Article Description	QTY
4762 8 5	CARPET KNIFE TRAP/HOOK 5*	1

Scope of delivery:

- 3x trapeze blades



Carpet knife ZD

- Zinc die cast model
- Manual blade retraction
- Blade replacement by means of a screwdriver
- Ergonomic form

Article No.	Article Description	QTY
4762 8 1	CARPET KNIFE ZD	1

Scope of delivery:

- 1x trapezoidal blade



Universal knife **FÖRCH*******

- High-quality design made from cast zinc
- Tool-free blade removal
- Internal blade magazine
- Ergonomic shape

Article No.	Article Description	QTY
4762 11 5	UNIVERSAL KNIFE TRAP/HOOK 5*	1

Scope of delivery:

- 3x trapeze blades



Universal knife ZD

- Zinc die cast model
- Blade replacement by means of a screwdriver
- Internally located blade magazine
- Ergonomic form

Article No.	Article Description	QTY
4762 11 1	UNIVERSAL KNIFE ZD	1

Scope of delivery:

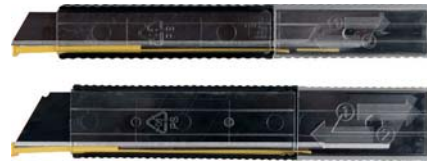
- 1x trapezoidal blade



Black Spare Blades

- Extremely sharp, thanks to the acute cutting angle of the blade
- Made of European special steel
- For clean and smooth cuts
- No tearing of the material during cutting
- Black blade for easy recognition

Article No.	Article Description	QTY
4762 9 10 1	PCK(10) SPARE BLA.9MM BLACK 5*	1
4762 18 10 1	PCK(10) SPARE BLA.18MM BLACK5*	1



Replacement Blades, Titanium FORCH*****

- Excellent cut, also with woven material or jute backing
- Long service life and fewer blade replacements compared to standart blades
- Low friction between blade and material to be cut

Article No.	Article Description	QTY
4762 9 10 5	PCK(10)SNAPOFF BL.9MM TITAN 5*	1
4762 18 10 5	PCK(10)SNAPOFF BL18MM TITAN 5*	1
4762 18 50 5	PCK(50)SNAPOFF BL18MM TITAN 5*	e 5
4762 25 10 5	PCK(10)SNAPOFF BL25MM TITAN 5*	1
4762 20 10 5	PCK(10)TRAPEZOIDBL. TITAN 5*	1
4762 30 10 5	PCK(10)HOOK BLADES TITAN 5*	1



Scaffolding Construction Ratchet

- Robust version made of chrome-vanadium-steel
- Tapered handle for screwing-in scaffolding eyelet bolts
- Firm double-nut with wrench sizes 19 and 22 mm
- With oil-hole at ratchet toothed-wheel
- Length: 31 cm



Article No.	Article Description	QTY
4401 19 22	SCAFFOLD.CONSTR.RATCHET 19X22	1

Double Ring Ratchet Spanner

- Finely toothed with 72 teeth
- Double-sided bihexagonal ring



Article No.	Article Description	QTY
4587 8 9	DOUBLE RING-RATCH.SPANNER 8X9	1
4587 10 11	DOUBLE RING-RATCH.SPANNER10X11	1
4587 12 13	DOUBLE RING-RATCH.SPANNER12X13	1
4587 14 15	DOUBLE RING-RATCH.SPANNER14X15	1
4587 16 18	DOUBLE RING-RATCH.SPANNER16X18	1
4587 17 19	DOUBLE RING-RATCH.SPANNER17X19	1
4587 90	DOUBLE RING-RATCHET SET 6 PART	1

Art. No. 4587 90:

- 1x AGR 4587 8 9 Double ring ratchet spanner SW 8 x 9/10 x 11/12 x 13/14 x 15/16 x 18/17 x 19

Double Ring Ratchet Spanner 4 in 1

- With switch lever
- Finely toothed with 72 teeth
- 4 wrench sizes per spanner:
 - Art.-No. 4624 8 11: SW 8/9/10/11
 - Art.-No. 4624 10 19: SW 10/13/17/19
 - Art.-No. 4624 12 15: SW 12/13/14/15
 - Art.-No. 4624 16 19: SW 16/17/18/19



Article No.	Article Description	QTY
4624 8 11	RING RATCH.SPANN.SW 8,9,10,11	1
4624 10 19	RING RATCH.SPANN.SW10,13,17,19	1
4624 12 15	RING RATCH.SPANN.SW12,13,14,15	1
4624 16 19	RING RATCH.SPANN.SW16,17,18,19	1

Double Ring Ratchet Spanner - TX

- Finely toothed with 72 teeth
- TX double-sided



Article No.	Article Description	QTY
4609 6 8	TX-DOUBLE RING RATCHET E 6XE 8	1
4609 10 12	TX-DOUBLE RING RATCHET E10XE12	1
4609 14 18	TX-DOUBLE RING RATCHET E14XE18	1
4609 20 24	TX-DOPPELRINGRATSCH E20XE24	1
4609 90	TX-DOUBLE RING RATCHET SET 4P.	1

Art. No. 4609 90 :

- Double ring ratchet spanner - TX
E 6 x E 8/E 10 x E 12/E 14 x E 18/E 20 x E 24

Hand tools

Bucket

- Made of high-quality, stable, weather-resistant and break-proof PE
- Colour: black

Article No.	Article Description	QTY
5422 10 12	BUCKET 12L	1
5422 10 20	BUCKET 20L	1



Mortar Box

- made of high-grade, stable, weather-resistant and break-proof PE
- Colour: black

Article No.	ArtikArticle Description	QTY
5422 11 65	MORTAR BOX 65L	1
5422 11 90	MORTAR BOX 90L	1



Mortar Bucket

- Made of high-grade, stable, weather resistant and break-proof PE
- Colour: black

Article No.	Article Description	QTY
5422 12 40	MORTAR BUCKET 40L	1
5422 12 65	MORTAR BUCKET 65L	1
5422 12 90	MORTAR BUCKET 90L	1



Wooden Stepladder

- Accessible on both sides
- Rungs made of stable beech wood
- Rail made of solidly knot-free yellow pine
- especial square mortise joint of rail and rung for continuous connection
- transport security made of wooden on the ladder base
- Solid construction and zinc coated steel hinges including a bucket hook
- fixed tool bag on the upper rungs
- two tear-resistant polyester-belt for the safety strut
- Rung spacing: 280 mm



Technical Data						
Art. No.	Bar length m	Stand. eight m	Width m	Steps	Weight approx. kg	
4986 40 122	1,25	0,55	0,50	4	7,4	
4986 40 150	1,50	0,80	0,53	5	8,9	
4986 40 178	1,85	1,05	0,56	6	10,4	
4986 40 206	2,10	1,30	0,59	7	12,5	
4986 40 234	2,35	1,60	0,62	8	14,3	
4986 40 290	2,95	2,10	0,68	10	17,5	

Article No.	Article Description	QTY
4986 40 122	WOODEN STEP LADDER4STEPS 1.25M	1
4986 40 150	WOODEN STEP LADDER5STEPS 1.50M	1
4986 40 178	WOODEN STEP LADDER6STEPS 1.85M	1
4986 40 206	WOODEN STEP LADDER7STEPS 2.10M	1
4986 40 234	WOODEN STEP LADDER8STEPS 2.35M	1
4986 40 290	WOODEN STEP LADD.10STEPS 2.95M	1

Aluminium Stepladder

- Anti-skid plastic feet
- plastic coated steel hinges
- metal transport security on the ladder base
- tear-proof polyester belts for the safety strut
- rung spacing: 280 mm

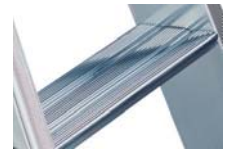


Technical Data						
Art. No.	Length m	Stand. height m	Width m	Number of steps	Weight approx. kg	
4986 10 130	1.85	1.05	0.54	6	8.0	
4986 10 160	2.10	1.30	0.57	7	9.2	
4986 10 185	2.40	1.60	0.60	8	10.4	
4986 10 235	2.95	2.10	0.65	10	13.2	
4986 10 290	3.50	2.65	0.72	12	16.0	

Article No.	Article Description	QTY
4986 10 130	ALU STEPLADDER 6STEPS 1,85M	1
4986 10 160	ALU STEPLADDER 7STEPS 2,10M	1
4986 10 185	ALU STEPLADDER 8 STEPS 2,40M	1
4986 10 235	ALU STEPLADDER 10STEPS 2,95M	1
4986 10 290	ALU STEPLADDER 12STEPS 3,50M	1

Stepladder, Aluminium, Single-sided Access

- Stability always guaranteed due to extended stringers and support legs
- Wide steps for fatigue-free stance
- Knee rail in shape of utensil shelf
- Topmost step as support legs
- Support legs fold up for transport
- Spreaders made of unbreakable polyester webbing
- Steps spacing: 250 mm
- Steps width: 80 mm

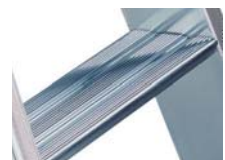


Technical Data						
Art. No.	Length m	Standing height m	Width m	Number of rungs	Weight approx. kg	Stringer
4986 15 140	1.40	0.70	0.46	3	6.2	76
4986 15 170	1.70	0.95	0.48	4	7.0	76
4986 15 195	1.95	1.20	0.51	5	8.0	76
4986 15 220	2.20	1.40	0.53	6	9.2	76
4986 15 245	2.45	1.65	0.57	7	10.4	76
4986 15 270	2.70	1.90	0.60	8	11.6	76

Article No.	Article Description	QTY
4986 15 140	STUFENSTEHLEITER ALU 3SP.1,40M	1
4986 15 170	STUFENSTEHLEITER ALU 4SP.1,70M	1
4986 15 195	STEPLADDER ALU,5STRINGER 1,95M	1
4986 15 220	STEPLADDER ALU,6STRINGER 2,20M	1
4986 15 245	STEPLADDER ALU,7STRINGER 2,45M	1
4986 15 270	STEPLADDER ALU,8STRINGER 2,70M	1

Aluminium Step Ladder with Wide Steps

- 4-times pressed steps-rail-connection
- wide steps allow long standing
- skid-secure ribbed step surface
- anti-skid plastic feet
- plastic coated steel hinges
- metal transport security on the ladder base
- two tear-proof polyester belts for safety strut
- the both upper steps form a platform
- steps spacing: 250 mm
- Steps width: 80 mm



Technical Data					
Art. No.	Length m	Stand. height m	Width m	Steps	Weight approx. kg
4986 30 050	0.75	0.25	0.46	3	5.6
4986 30 070	1.00	0.50	0.48	4	6.8
4986 30 095	1.25	0.70	0.51	5	8.4
4986 30 120	1.50	0.95	0.53	6	9.8
4986 30 165	2.00	1.40	0.60	8	13.4
4986 30 215	2.50	1.90	0.66	10	16.2

Article No.	Article Description	QTY
4986 30 050	ALU LADDER WIDE STEPS 0.75M	1
4986 30 070	ALU LADDER WIDE STEPS 1.00M	1
4986 30 095	ALU LADDER WIDE STEPS 1.25M	1
4986 30 120	ALU LADDER WIDE STEPS 1.50M	1
4986 30 165	ALU LADDER WIDE STEPS 2.00M	1
4986 30 215	ALU LADDER WIDE STEPS 2.50M	1

Double Stepladder, Aluminium

- sturdy structure
- optimum handling due to clever, novel features
- professional solution for uneven ground
- continuously variable levelling
- plastic-coated steel hinges on the inside
- spreaders made of unbreakable polyester webbing
- rung spacing: 280 mm



Technical Data

Art.-No.	Length m	Stand height m	Width m	Steps	Weight approx. kg
4986 45 155	1,55	0,80	0,51	5	12,3
4986 45 185	1,85	1,05	0,54	6	13,5
4986 45 210	2,10	1,30	0,57	7	14,7
4986 45 240	2,40	1,60	0,60	8	15,9

Article No.	Article Description	QTY
4986 45 155	STEPLADDER ALU 5 STRINGER1,55M	1
4986 45 185	STEPLADDER ALU 6 STRINGER1,85M	1
4986 45 210	STEPLADDER ALU 7 STRINGER2,10M	1
4986 45 240	STEPLADDER ALU 8 STRINGER2,40M	1

Your Advantage / Benefit

- toolless adjustment of extensions due to ready-fitted adjusting knobs
- 2 extensions with an adjustment range on the one side up to 44 cm and on the other side up to 102 cm
- ideal for stair treads and other uneven base surfaces

Application



Related Products

- **MaxiFlex Ultimate Gloves**
FÖRCH
Art.-No. 5405 5 305 6 – 12



- **Safety Shoe "Rio Low"**
Art.-No. 5406 351 39 – 47



- **Construction Hemet**
Art.-No. 5404 1 – 7



Folding ladder, aluminium



- sturdy structure
- optimum handling due to clever, novel features
- with just a few simple adjustments can be turned from a stepladder into a free-standing ladder
- profiled, triangular rungs for comfortable, safe stance
- rungs joined to siderails with 4-fold crimp
- securely latching steel hinges for adjusting to different work positions
- with 890 mm wide foot stabiliser on one side for safe stance
- rung spacing: 280 mm

Technical Data					
Art.-No.	Length m	Stand height Stepladder m	Stand height Free-standing m	No. of Rungs	Weight approx. kg
4986 25 247	2,47	0,80	1,32	2 x 4	8,6
4986 25 359	3,59	1,34	2,37	2 x 6	10,2
4986 25 471	4,71	1,90	3,42	2 x 8	11,0



Article No.	Article Description	QTY
4986 25 247	FOLDING LADDER,ALU 2,47M	1
4986 25 359	FOLDING LADDER,ALU 3,59M	1
4986 25 471	FOLDING LADDER,ALU 4,71M	1

Aluminium Multi-Purpose Ladder



- Can be used as sliding ladder, leaning ladder, step ladder or extendable step ladder due to its special joints
- Safe, free standing ladder due to crossbars
- Length is adjustable per ladder step
- Safeguard against draw out and lift out
- All variations are easy to use

Technical Data								
Art. No.	Length m	Stand. height as step ladder 2-parts m	Height with extended of top ladder m	Stand. height sliding ladder m	Sliding ladder total height leiter m	Number of steps	Weight approx. kg	Holm m
4986 20 530	2,45	1,60	2,35	4,55	5,30	3 x 8	22,0	76
4986 20 700	3,00	2,10	3,40	6,05	7,20	3 x 10	25,0	100
4986 20 870	3,55	2,65	4,50	7,65	8,80	3 x 12	32,0	100
4986 20 1040	4,15	3,15	5,60	9,20	10,35	3 x 14	39,4	100

Article No.	Article Description	QTY
4986 20 530	ALU ALLROUND 3X 8 STEPS 5,30M	1
4986 20 700	ALU ALLROUND 3X 10 STEPS 7,00M	1
4986 20 870	ALU ALLROUND 3X 12 STEPS 8,70M	1
4986 20 1040	ALU ALLROUNG 3X 8 STEPS 10,40M	1



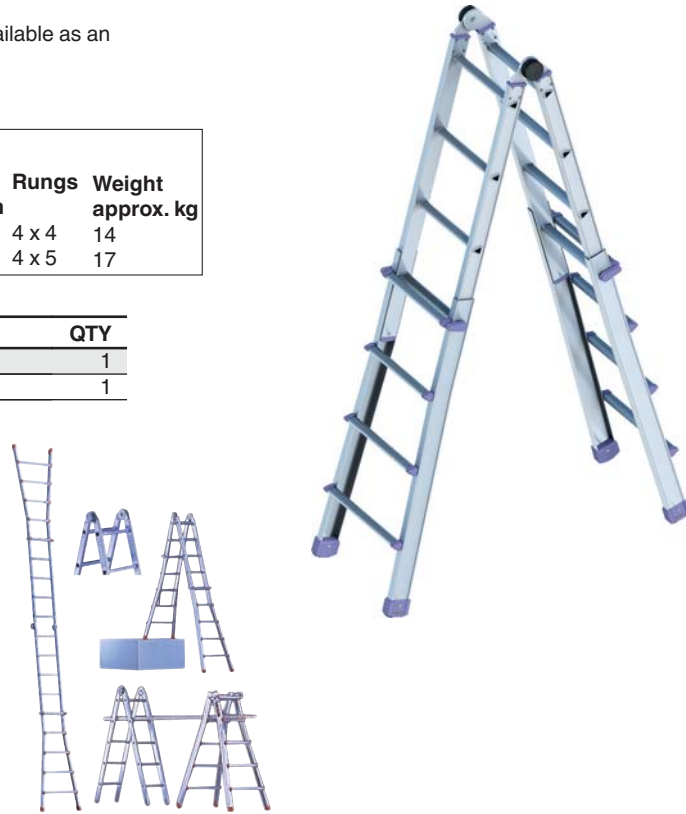
Multi Functional Telescopic Ladder

- If used as a step ladder or a leaning ladder you always have the optimal standing or working height
- Adjustable height of the rungs
- Solid hinged joints secure the selected position
- The rail extension telescope Art.-No. 4986 50 333 is available as an accessories



Technical Data					
Art.-No.	Length m	Stand.height leaning ladder m	Stand.height step ladder m	Rungs	Weight approx. kg
4986 50 200	4,20	2,99	1,63	4 x 4	14
4986 50 255	5,30	4,07	2,17	4 x 5	17

Article No.	Article Description	QTY
4986 50 200	MULTI-LADDER-TELESCOPE 4.20M	1
4986 50 255	MULTI-LADDER-TELESCOPE 5.30M	1



Car boot ladder, aluminium

- sturdy structure
- optimum handling due to clever detail solutions
- versatile in use as a stepladder, free-standing ladder, free-standing ladder away from wall
- profiled, triangular rungs for comfortable, safe stance
- rungs joined to siderails with 4-fold crimp
- securely latching steel hinges for adjusting to different work positions
- rung spacing: 280mm
- car boot ladder, aluminium Art.-No. 4986 50 237 can be used in combination with platform set Art.-No. 4986 50 334 as a working platform (operating height:0,99 m)



Technical Data							
Art.-No.	Max. Length m	Standing height free-standing ladder m	Standing height free-standing ladder distance from m	Standing height stepladder m	Number of rungs	Use as work platform (standing height of 0,99 m) possible	Weight approx. kg
4986 50 237	3,66	2,37	1,62	1,35	4 x 3	yes	14,5
4986 50 342	4,71	3,42	2,37	1,90	4 x 4	no	16,5

Article No.	Article Description	QTY
4986 50 237	CAR BOOT LADDER ALU 3,66M	1
4986 50 342	CAR BOOT LADDER ALU 4,71M	1

Telescopic Alu Footbridge

- Width: 31.0 cm
- Durable up to 150 kg
- Can be extended stepless
- Locking function in telescopic condition for a safe transport
- Can be used with trestles or all other step ladders from our range



Technical Data

Art.-No.	min. length m	max length m	weight kg
4986 88 290	1.64	2.90	13.0
4986 88 350	1.92	3.5	16.0
4986 88 440	2.27	4.40	20.0



Article No.	Article Description	QTY
4986 88 290	ALU TELESCOP.BRIDGE 2.90M	1
4986 88 350	ALU TELESCOP.BRIDGE 3.50M	1
4986 88 440	ALU TELESCOP.BRIDGE 4.40M	1



Ladder Extension

- suitable for Multifunctional Telescope Aluminium Ladder (Art.-No. 4986 50 200 as well as Art.-No. 4986 50 255)
- can be also used as travers
- permissible max. extension: 450 mm

Article No.	Article Description	QTY
4986 50 333	TELESCOP LADDER EXTENSION	1



Bar Extension

- Suitable for all ladders without travers (except Wooden Ladder), selection by bar width
- Adjustable range max. 400 mm

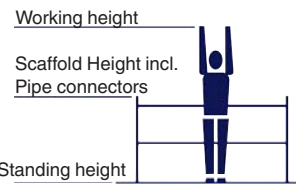
Article No.	Article Description	QTY
4986 88 108	BAR EXTENSION 64MM BAR	1
4986 88 109	BAR EXTENSION 76MM BAR	1
4986 88 110	BAR EXTENSION 84MM BAR	1
4986 88 111	BAR EXTENSION 100MM BAR	1



Uni Standard P2 working height 5.35 m

- 9x Uni Standard guardrails 2.85 m (Art.-No. 4988 1205 803)
- 2x Uni Standard diagonals 3.35 m (Art.-No. 4988 1208 804)
- 2x Uni Standard diagonals 2.95 m (Art.-No. 4988 1208 805)
- 1x Uni Standard base tube 2.85 m (Art.-No. 4988 1211 802)
- 2x end toe boards 0.75 m (Art.-No. 4988 1238 801)
- 2x Uni Standard toe boards 2.85 m with hook (Art.-No. 4988 1239 801)
- 2x Uni Standard access decks 2.85 m (Art.-No. 4988 1242 803)
- 8x spring clips 11 mm (Art.-No. 4988 1250 801)
- 4x Uni Standard swivel castors 700 – 7 kN (Art.-No. 4988 1259 801)
- 4x ladder frames 75/8 – 2.00 m (Art.-No. 4988 1297 804)
- 2x chassis beam with strap 1.80 m (Art.-No. 4988 1323 801)
- 1x pair Uni assembly hooks (Art.-No. 4988 1300 802)

Technical Data

Centre Assembly:	Ballasting in Confined Spaces
Sideways Assembly:	no ballast required
	no ballast required
	Ballasting outdoors
Centre Aufbau:	1l, 1r (ladder frame)
Sideways Aufbau:	left no ballast required, 6r (chassis beam)
	
Working Height:	5.35 m
Scaffold Height:	4.58 m
Standing Height:	3.35 m
Weight:	216.4 kg

Article No.	Article Description	QTY
4988 1501 103	SF UNI STAND.P2 WORK-HE-5.35M	1

(Ballast weight of 10 kg)

r: right; l: left

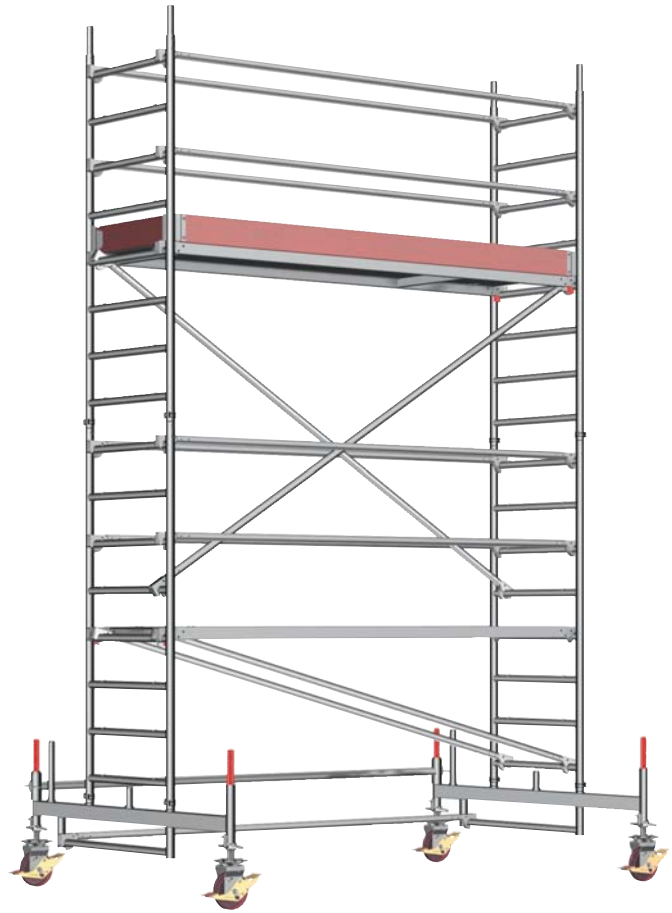
E.g.: 2l: 2 ballast on the left

Right: the side facing away from the frame (if assembled sideways)

Left: the side facing the frame (if assembled sideways)

Note:

Please observe the Assembly & Instruction Manual supplied (AIM)

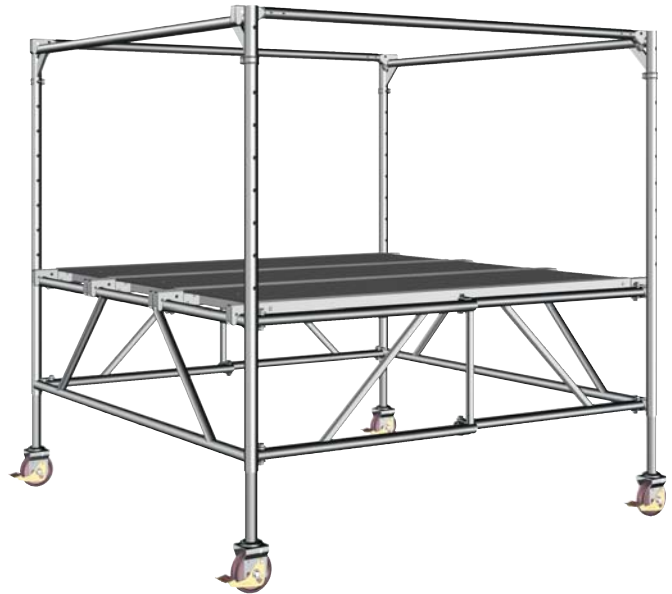


Mobile Scaffolding Staro Rollbock

- ready-to-use scaffolding tower
- Scaffolding Group 2
- maximum working height: 3.90 m*
- permitted working load: 1.5 kN/m²
- comfortable ascent
- highest quality and safety standards
- work platform surface: 1.95 x 1.95 m
- space for storing tools and materials on the work surface
- basic unit made of aluminium
- upright (length: 1.95 m) with holes at a distance of 11 cm for height adjustment
- ideal for fast working on large ceiling surfaces or for assembly of components or installation under the ceiling
- freedom of movement through the large working platform
- sturdy swivel castors (Ø 150 mm) with centric load application after locking for extra stability
- rear guardrails and the immediate railings made of aluminium simply snap into space
- working decks made of aluminium frame and plywood inserts

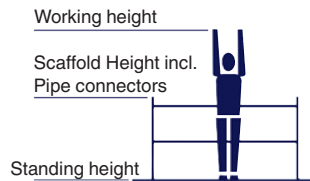
Staro Rollbock basic equipment:

- 1x Staro basic unit (Art.-No. 4988 1224 801),
- incl. 4 x insert (Art.-No. 4988 1250 801)
- 2x Staro guardrails 1.90 m
- 3x Staro decks 1.90 m (Art.-No. 4988 1241 804)
- 4x uprights with swivel castor



Technical Data

Working Height: 2.8-3.9 m*
Scaffold Height: 1.89 - 2.78 m*
Standing Height: 0.8 - 1.9 m*
Weight: 99.9 kg



* above a standing height of 1.0m, additional equipment is required

Article No.	Article Description	QTY
4988 150 7000	SF STARO BASIC EQUIPMENT	1

Mobile Scaffolding ZIFA P2 - working height 2.86 m

- according to DIN EN 1004: Scaffolding Group 3
- ready-to-use scaffolding for working at low heights
- scaffolding made of aluminium
- allows safe and comfortable working
- maximum working height: 3.61 m
- permitted working load: 2 kN/m²
- highest quality and safety standards
- work platform surface: 0.75 x 1.80 m
- for work at low heights indoors and outdoors
- Safety Structure 2
- simple and rapid assembly: unfold and insert the deck
- can be easily folded together and unfolded
- low space requirements due to folding
- easy to transport
- base unit can be manoeuvred through any door even assembled and fully loaded
- basic unit made of aluminium for alternating insert assembly
- sturdy swivel castors for extra stability
- rear guardrails and diagonals made of aluminium simply snap into place
- working decks made of aluminium frame and plywood inserts
- working decks with trapdoor for safe internal access



Mobile Scaffolding ZIFA P2 - working height 2.86 m

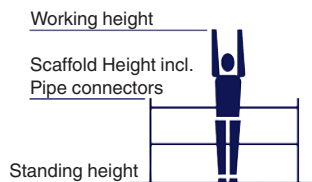
- 1x Zifa P2 basic unit (Art.-No. 4988 1300 803)
- 1x Zifa P2 deck 1.80 m (Art.-No. 4988 1241 803)
- 4x swivel castors 400 - 4kN (Art.-No. 4988 1308 801)

Technical Data

Ballasting in Confined Spaces
Centre Assembly: 4l*, 4r* (ladder frame)
Sideways Assembly: not possible

Ballasting for Outdoor Use
Centre Assembly: 4l*, 4r* (ladder frame)
Sideways Assembly: not possible

Working Height: 2.86 m
Scaffold Height: 1.83 m
Standing Height: 0.86 m
Weight: 42.0 kg



Article No.	Article Description	QTY
4988 1506 200	SF ZIFA P2 WORK.HEIGHT 2.86M	1

* The stated ballast weights are required only if the ladder frame is used as the outer access ladder (e.g.: pivoting the upright strut).

Note:

Please observe the assembly & Instruction Manual supplied (AIM).



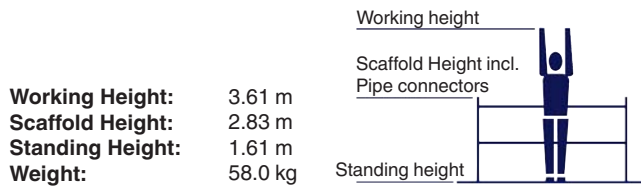
Mobile Scaffolding ZIFA P2 – working height 3.61 m

- 1x Zifa P2 basic unit (Art.-No. 4988 1300 803)
- 2x guardrails 1.80 m (Art.-No. 4988 1205 802)
- 1x Zifa access deck 1.80 m (Art.-No. 4988 1242 802)
- 4x 11 mm spring clips 11 mm (Art.-No. 4988 1250 801)
- 2x ladder frames 75/4 – 1.0 m (Art.-No. 4988 1297 803)
- 4x swivel castors 400 – 4kN (Art.-No. 4988 1308 801)

Technical Data

Ballasting in Confined Spaces
Centre Assembly: 6l, 6r (ladder frame)
Sideways Assembly: nicht möglich

Ballasting for Outdoor Use
Centre Assembly: 6l, 6r (ladder frame)
Sideways Assembly: not possible



Article No.	Article Description	QTY
4988 1506 210	SF ZIFA P2 WORK. HEIGHT 3.61M	1

(Ballast weights of 10 kg)

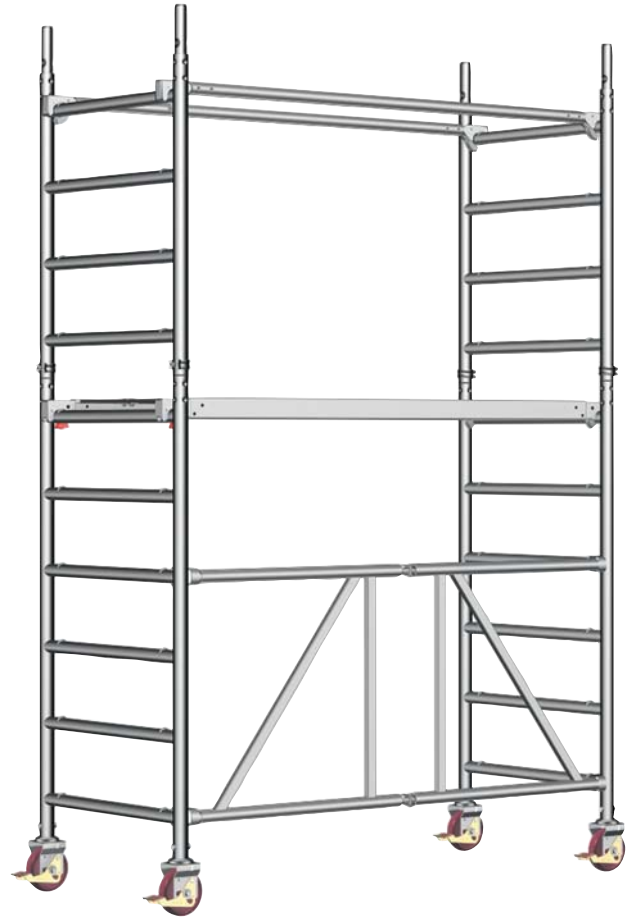
r: right; l: left

E.g.: 2l: 2 ballast weights on left

Right: the side facing away from the frame (if assembled sideways)

Note:

Please observe the Assembly & Instructions Manual supplied (AIM).



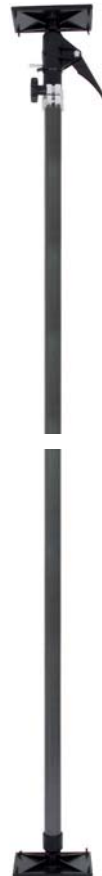
Props

- professional craftsman design
- made from glass fibre reinforced plastic and toughened steel pipes
- patented „quick feed“
- ceiling height by one press of a button
- can also be used on roof pitches
- ball joint with anti-slip base plates on both sides

Technical Data

load: 70 kg
length: 155 - 310 cm

Article No.	Article Description	QTY
5433 70 310	PROP	1



Universal spanner

- easy to handle thanks to the feed lever
- can be used for transport and cargo securing in cars
- ball joint with non-slip base plate on both sides

Technical Data

load: 60 kg
length: 87 - 148 cm

Article No.	Article Description	QTY
5433 87 148	UNIVERSAL SPANNER	1



Fine Knitted Gloves Duo Grip

- Nitrile foam coating for excellent oil, wet and dry grip
- Fine-knit supporting fabric: flexible, seamless polyamide (nylon)
- Oil and water-repellent
- Fits like a second skin, thanks to stretch version
- Good sensitivity
- Protection against mechanical hazards in accordance with DIN EN 388



Technical Data

Standard:	EN 388
Wear resistance:	3
Cutting resistance:	1
Tear propagation resistance:	2
Puncture resistance:	2

Article No.	Article Description	QTY
5405 117 7	FINE KNIT.GLO.DUO-GRIP SZ 7	12
5405 117 8	FINE KNIT.GLO.DUO-GRIP SZ 8	12 Y
5405 117 9	FINE KNIT.GLO.DUO-GRIP SZ 9	12 Y
5405 117 10	FINE KNIT.GL.DUO-GRIP SZ 10	12 Y
5405 117 11	FINE KNIT.GLO.DUO-GRIP SZ11	12

Your Advantage / Benefit

- Confidence in textiles – harmful-substance tested textiles
- High abrasion resistance (4)
- Free from solvents – manufactured on water-basis
- Penetration-free – no skin contact with the coating, prevents perspiration
- Silicone-free
- DMF-free (Dimethylformamide) and pH-neutral, as per EN
- Free of azo dyes (synthetic dyes) as per EN

Application



Related Products

- Safety Mandatory Hand Prot. P Art.-No. 5404 1007 12 / 13



- Skin Care Cream Bee Art.-No. 6180 9062



Fine Knitted Gloves PU/Nitrile Foam

- Fine knitted support fabric: polyamide (nylon)
- Hand surfaces and fingers with breathable polyurethane-coating
- Excellent wet and dry grip
- Good wearing comfortability due to stretch design
- Good feel
- Resistant to grease, oil and water
- Suitable for the High-Tech-Industry and clean rooms
- Protection against mechanical hazards according to DIN EN 388



Article No.	Article Description	QTY
5405 118 8	FINE KNIT.GLOV.PU/NTR.FO.I 8	12
5405 118 9	FINE KNIT.GLOV.PU/NTR.FO.I 9	12 Y
5405 118 10	FINE KNIT.GLOV.PU/NTR.FO.I 10	12 Y
5405 118 11	FINE KNIT.GLOV.PU/NTR.FO.I 11	12 Y

Technical Data	
Standard:	EN 388
Wear resistance:	4
Cutting resistance:	1
Tear propagation resistance:	2
Puncture resistance:	1

Fine Knitted Gloves, PU/Nitril Foam Nubbed

- Fine knitted support fabric: polyamide (nylon)
- Hand surface and fingers with breathable polyurethane/nitrile-coating
- Excellent wet and dry grip which is optimised on the hand surface due to dot nubbing
- Good wearing comfortability due to stretch design
- Good feel
- Resistant to grease, oil and water
- Suitable for the High-Tech-Industry and clean rooms
- Protection against mechanical hazards according to DIN EN 388



Article No.	Article Description	QTY
5405 119 8	FINE KNI.GLO.PU/NTR.FO.NU.I 8	12
5405 119 9	FINE KNI.GLO.PU/NTR.FO.NU.I 9	12 Y
5405 119 10	FINE KNI.GLO.PU/NTR.FO.NU.I 10	12 Y
5405 119 11	FINE KNI.GLO.PU/NTR.FO.NU.I 11	12 Y

Technical Data	
Standard:	EN 388
Wear resistance:	4
Cutting resistance:	1
Tear propagation resistance:	3
Puncture resistance:	1

Fine Knitted Gloves, Nitrile Foam

- Fine knitted support fabric: polyamide (nylon)
- Hand surface and fingers with nitrile foam coating
- Good wearing comfortability due to stretch design
- Secure and anti-slip grip
- Good feel
- Liquid-repellent
- Resistant to grease and oil
- Suitable for the High-Tech-Industry and clean rooms
- Protection against mechanical hazards according to EN 388



Article No.	Article Description	QTY
5405 92 7	GLOVES NITR.FOAM-COAT.SIZE 7	12
5405 92 8	GLOVES NITR.FOAM-COAT.SIZE 8	12 Y
5405 92 9	GLOVES NITR.FOAM-COAT.SIZE 9	12 Y
5405 92 10	GLOVES NITR.FOAM-COAT.SIZE 10	12 Y
5405 92 11	GLOVES NITR.FOAM-COAT.SIZE 11	12

Technical Data	
Standard:	EN 388
Wear resistance:	3
Cutting resistance:	1
Tear propagation resistance:	3
Puncture resistance:	1

Fine Knitted Gloves, Nitrile Foam Nubbed

- Fine knitted support fabric: polyamide (nylon)
- Hand surface and fingers with nitrile foam coating
- Good wearing comfortability due to stretch design
- With nitrile foam nubbing and secure and anti-slip grip, high wear-resistance
- Good feel
- Liquid-repellent
- Resistant to grease and oil
- Suitable for the High-Tech-Industry and clean rooms
- Protection against mechanical hazards according to DIN EN 388



Article No.	Article Description	QTY
5405 128 7	FINE KNIT.NITR.FOAM NUBBING 7	12
5405 128 8	FINE KNIT.NITR.FOAM NUBBING 8	12
5405 128 9	FINE KNIT.NITR.FOAM NUBBING 9	12
5405 128 10	FINE KNIT.NITR.FOAM NUBBING 10	12

Technical Data	
Standard:	EN 388
Wear resistance:	4
Cutting resistance:	1
Tear propagation resistance:	2
Puncture resistance:	1

Fine Knitted Gloves, Polyurethane

- Fine knitted support fabric: polyamide (nylon)
- Hand surfaces and fingers with breathable polyurethane-coating, keeps hands cool and dry
- Good wearing conformability due to stretch design
- Secure grip
- Very good feel
- Liquid-sealed
- Suitable for the High-Tech-Industry and clean rooms
- Protection against mechanical hazard according to DIN EN 388



Technical Data	
Standard:	EN 388
Abrasion resistance:	3
Cutting resistance:	1
Tear propagation resistance:	3
Puncture resistance:	1

Article No.	Article Description	QTY
5405 90 6	FINE KNITTED GLOVE PU WHITE 6	12
5405 90 7	FINE KNITTED GLOVE PU WHITE 7	12
5405 90 8	FINE KNITTED GLOVE PU WHITE 8	12 Y
5405 90 9	FINE KNITTED GLOVE PU WHITE 9	12 Y
5405 90 10	FINE KNITTED GLOVE PU WHITE 10	12 Y
5405 90 11	FINE KNITTED GLOVE PU WHITE 11	12
5405 91 7	FINE KNITTED GLOVE PU GREY 7	12
5405 91 8	FINE KNITTED GLOVE PU GREY 8	12 Y
5405 91 9	FINE KNITTED GLOVE PU GREY 9	12 Y
5405 91 10	FINE KNITTED GLOVE PU GREY 10	12 Y
5405 91 11	FINE KNITTED GLOVE PU GREY 11	12 Y



Nitrile Gloves Yellow Partly Coated

- Cotton wool with doubled dipped nitrile coating
- good abrasion resistance
- Very good dry grip
- Good sense of touch
- Knitted wrist
- Uncoated back of the hand for better breathing
- Liquid, oil and grease repellent
- Silicone-free
- Protection against mechanical hazards according to DIN EN 388



Article No.	Article Description	QTY
5405 30 8	NITR.GLOVES YELLOW SIZE 8 5*	12
5405 30 9	NITR.GLOVES YELLOW SIZE 9 5*	12 Y
5405 30 10	NITR.GLOVES YELLOW SIZE 10 5*	12 Y

Technical Data	
Standard:	EN 388
Abrasion resistance:	4
Cutting resistance:	1
Tear propagation resistance:	1
Puncture resistance:	1

Nitrile Gloves Yellow Partly Coated

- Cotton with thin nitrile coating
- Good abrasion resistance
- Good sense of touch
- Very good dry grip
- Knitted wrist
- Uncoated backside for better breathing
- Liquid, oil and grease repellent
- Protection against mechanical hazards according to DIN EN 388



Article No.	Article Description	QTY
5405 21	NITRIL GLOVES YELLOW SIZE 8	12 Y
5405 22	NITRIL GLOVES YELLOW SIZE 9	12 Y
5405 23	NITRIL GLOVES YELLOW SIZE 10	12 Y

Technical Data	
Standard:	EN 388
Abrasion resistance:	3
Cutting resistance:	1
Tear propagation resistance:	1
Puncture resistance:	1

Nitrile Gloves Yellow Partly Coated **ECO**

- 100% cotton with nitrile coating
- Good abrasion resistance
- Good sense of touch
- Very good dry grip
- Knitted wrist
- Uncoated backside for better breathing
- Liquid, oil and grease repellent
- Protection against mechanical hazards according to DIN EN 388

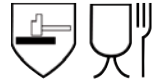


Article No.	Article Description	QTY
5405N 145 9	NITRILE GLOVES YELL.SZ.9 ECO	12 Y
5405N 145 10	NITRILE GLOVES YELL.SZ.10 ECO	12 Y
5405N 145 11	NITRILE GLOVES YELL.SZ.11 ECO	12 Y

Technical Data	
Standard:	EN 388
Abrasion resistance	4
Cutting resistance:	1
Tear propagation resistance:	1
Puncture resistance:	1

Nitrile Gloves Blue Fully Coated

- **Microgranulated**
- Fine knitted carrier fabric: mesh number (Gauge) 13 and Lycra (Elastane) of approx. 3 %, thus very high wearing comfort and flexibility
- Microgranulated nitrile full coating
- Back of the hand is completely liquid-tight
- Excellent dry grip
- Improved oil grip due to microgranulation
- Oil and grease resistance
- Solvent-free, water-based
- DMF-free (Dimethylformamide)
- Silicone-free
- Puncture resistance - no skin contact with the coating, improved wearing comfort
- Applicable to food
- Protection against mechanical hazards according to EN 388



Article No.	Article Description	QTY
5405 5 120 7	GLOV.NITR.BLUE FULL.COAT.7 5*	12
5405 5 120 8	GLOV.NITR.BLUE FULL.COAT.8 5*	12
5405 5 120 9	GLOV.NITR.BLUE FULL.COAT.9 5*	12
5405 5 120 10	GLOV.NITR.BLUE FULL.COAT.10 5*	12

Technical Data	EN 388
Standard:	4
Abrasion resistance:	1
Cutting resistance:	2
Tear propagation resistance:	1
Puncture resistance:	

Nitrile glove, yellow, fully coated

- Cotton with double dipped nitrile coating
- Good abrasion resistance
- Very good dry grip
- Good sense of touch
- Knitted cuff
- Nitrile fully coated
- Liquids, oil and grease-resistant
- Protection against mechanical dangers according to DIN EN 388



Article No.	Article Description	QTY
5405 123 8	NITR.GLOVES YEL.FUL.COAT.SZ. 8	12
5405 123 9	NITR.GLOVES YEL.FUL.COAT.SZ. 9	12
5405 123 10	NITR.GLOVES YEL.FUL.COAT.SZ.10	12

Technical Data	EN 388
Standard:	
Abrasion Resistance:	3
Cut Resistance:	1
Tear Resistance:	1
Puncture Resistance:	1

Nitrile Gloves Blue Partly Coated

- Fine-knit carrier textile: Mesh size (Gauge) 15 and Lycra (Elastane) approx. 3%, giving very high comfort and flexibility levels
- Nitrile part coating 3/4 dipped (tropic), 1/4 actively breathing back of hand
- Back of hand 3/4 fluid-tight
- Very good dry grip
- Oil and grease resistance
- Free from solvents, manufactured on water base
- DMF free (dimethyl formamide)
- Silicone-free
- Penetration-free - no skin contact with the coating, increased comfort in wearing
- Protection from mechanical hazards according to EN 388



Article No.	Article Description	QTY
5405 5 30 7	GLOVES NITR.BL.7 PARTL.COAT.5*	12

Technical Data	EN 388
Standard:	
Abrasion Resistance:	4
Cut Resistance:	1
Tear Resistance:	2
Puncture Resistance:	1

„Forceflex“ safety glasses

- **exceptionally stable, almost unbreakable safety glasses** thanks to latest plastic technology (TPU = thermoplastic polyurethane)
- scratch-proof glasses made from polycarbonate
- the moulded frames around the lenses offer extensive protection so that no splinters reach the user
- the flexible frame housing fits the wearer's face and provides a perfect fit
- the glasses frames re-mould themselves after almost every deformity and keep their shape when dropped on a hard floor or when accidentally sat on or stood on
- sides pieces are made from skin-friendly polymer with rubber for a secure hold
- protection from UV rays (UV 400)
- weight: 38 g
- according to EN 166 F personal eye protection, EN 170, EN 172, ANSI Z87.1 (American National Standards Institute) certified

Art.-No. 5400 903 1 Forceflex clear safety glasses:

- protection against impact and UV rays (UV 400, EN 170)
- can be worn for extended periods of time as there is no fatigue or distortion
- no colour change
- **applications:** working with good visibility conditions

Art.-No. 5400 9032 safety glasses Forceflex in / out:

- protection against impact and UV rays (UV 400, EN 170), as well as sunlight (EN 172) and glare
- provides high visibility also in extreme conditions
- **applications:** when work switches between dark and light conditions, such as forklift truck drivers etc.

Art.-No. 5400 9033 safety glasses Forceflex smoke:

- shock and UV-ray protection (UV 400 EN 170) as well as sunlight (EN 172)
- **applications:** outdoor work, work with risk of glare



5400 903 1



5400 903 2



5400 903 3

Article No.	Article Description	QTY
5400 903 1	"FORCEFLEX CLEAR" SAFETY GLAS.	1 z
5400 903 2	"FORCEFLEX IN/OUT" SAFETY GLAS.	1 z
5400 903 3	"FORCEFLEX SMOKE" SAFETY GLAS.	1 z

„Delta“ safety glasses

- Scratch-resistant, anti-fog protective goggles with lenses made of polycarbonate
- Nose support made of soft, non-slip rubber
- Optimally adapts to the face without setting
- Weight: 31 g
- Personal eye protection in accordance with EN 166, EN 170, EN 172

Art.-No. 5400 904 1 Delta protective goggles:

- Protection against impact and UV radiation (EN 170)
- Can be worn for a longer period of time because it does not cause any distortion or fatigue
- No colour change

Art.-No. 5400 904 3 Delta smoke protective goggles:

- Protection against jolts, UV radiation (UV 400, EN 170), as well as sun light (EN 172) and glare
- Good colour recognition of traffic signs (TSR = traffic signal recognition)
- Mirrored version for even better protection against glare

Art.-No. 5400 904 6 Delta protective goggles, orange:

- Protection against jolts, UV radiation (UV 525, EN 170) and against blue light up to 525 Nm

Art.-No. 5400 904 7 Delta protective goggles, brown:

- Protection against jolts, as well as UV radiation (UV 400, EN 170), visible light, sunlight (EN 172), and glare
- Good colour recognition of traffic signs (TSR = traffic signal recognition)
- Enables the eyes to better adapt in case of changes in light conditions

High-performance technology:

- Normally the view window is a rigid element and binds the geometry of the goggles. The structure of the model Delta is based on a central connection in the central part of the lens plate. Thanks to this technical feature, an exceptional support connection is created between the frame and the face – without restricting the protection performance.



5400 904 1



5400 904 3



5400 904 6



5400 904 7

Article No.	Article Description	QTY
5400 904 1	"DELTA CLEAR" SAFETY GLAS.	1 z
5400 904 3	"DELTA SMOKE" SAFETY GLAS.	1 z
5400 904 6	"DELTA ORANGE" SAFETY GLAS.	1 z
5400 904 7	"DELTA BROWN" SAFETY GLAS.	1 z

Your Advantage / Benefit

- Highly developed framework for minimizing pressure points in the face (**high-performance technology**)
- Prominent wrap-around lens plate for extra protection in the eye area

Application

Art.-No. 5400 904 1 Delta protective goggles, clear (1):

- Working under good visibility conditions

Art.-No. 5400 904 3 Delta protective goggles, smoke (2):

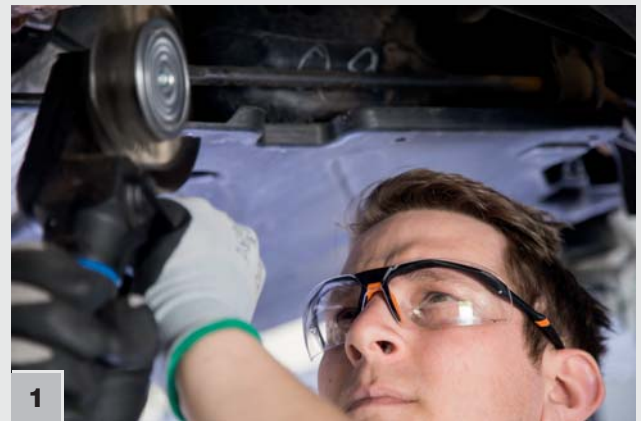
- Work in the open air; for example, road maintenance operations, working with risk of glare

Art.-No. 5400 904 6 Delta protective goggles, orange (3):

- Improves the contrast in low light conditions

Art.-No. 5400 904 7 Delta protective goggles, brown:

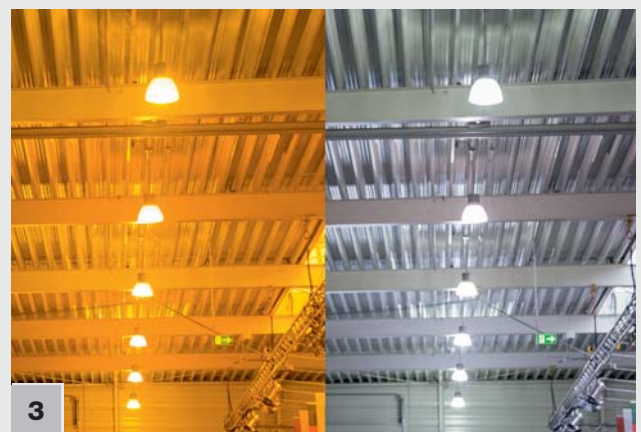
- Work in the open air; for example, road maintenance operations, working with risk of glare



1



2



3

Earmuff Pocket

- Earmuffs dielectric (electrically non-conducting) provide protection in the electrical field
- Sound Management technology for communication in the workplace
- Foldable side pieces for practical storage (waist bag separately available)
- Resilient external yoke for even pressure application
- Peg-mounted muffs can be easily and quickly replaced
- Size adjustable for individual fitting

Technische Daten	
Standard:	EN 352-1
Dielectric:	yes
Weight:	186 g
Sound-proofing value in dB	
H-value	25
M-value	24
L-value	19
SNR-Value:	26

Article No.	Article Description	QTY
5402 8	EARMUFF POCKET	1
5402 8 2	BAG FOR EARMUFF POCKET	1
5402 6 1	REPLACE.CUSHION-SET FOR 5402 6	1
5402 9 1	5 PAIRS BAG-PACK. SWEAT PAD	1

Contents Art.-No. 5402 6 1:

- 1x sealing cushions
- 1x foam inserts

Sound Management technology:

Even insulation makes for better communication in the workplace. The Clarity blocks „harmful“ noise but allows more natural, less distorted awareness of colleagues, of instructions, of warning signals and other high frequencies. Employees do not feel isolated from their surroundings, thus making a contribution to safety



Earmuff CE Flat

- Light, comfortable ear muffs with extraordinary sound-proofing performance
- Particular flat ear guards
- Good speech comprehensibility due to concerted sound-proofing
- Break-proof, cushioned head bow

Technische Daten	
Standard:	EN 352-1
Weight:	170 g
Sound-proofing values in dB	
H-value	13
M-value	32
L-value	31
SNR-value	25

Article No.	Article Description	QTY
5402 6	EARMUFF FLAT	1



Earplugs

- Excellent sound-proofing values provide protection also in extreme noise sectors
- Formable polyurethane foam for easy insertion
- Slip-proof
- High comfort and long service life
- The closed, flat surface is soil-resistant and avoids possible infections
- S = for small ear canals
- L = for large ear canals

Art.-No. 5402 3, Art.-No. 5402 4:

- Workplace suitable dispenser system for earplugs
- Impact resistant, dust and dirt-repellent housing
- The dust-proof dispenser system is safe and easy to operate. Turn the ring to get earplug out of the dispenser
- Easy to refill

Art.-No. 5402 3 10, Art.-No. 5402 4 10:

- Pocket-size pack with 10 pairs

Art.-No. 5402 3 200, Art.-No. 5402 4 200:

- Dispenser box with 200 pairs, each 1 pair per pag

Art.No. 5402 3 400, Art.-No. 5402 4 400:

- Refilling pack with 400 pieces for Bilsomat-dispenser system



54023, 5402 4

Technical Data	
Sound-proofing value in dB	(acc. to EN 352-1)
H-value	32
M-value	29
L-value	29
SNR-value	33

Article No.	Article Description	QTY
5402 3	BILSOMAT W.400PAIR EAR.PL.SZ.S	1
5402 3 10	P(10PAIRS)EAR PLUGS SZ.S	1
5402 3 200	CT(200PAIRS)EAR PLUGS SZ.S	1
5402 3 400	BAG(400)RE-FILL EAR PLUGS SZ.S	1
5402 4	BILSOMAT 303 + 400PAIRS EARPL.	1
5402 4 10	P(10P)EAR PLUGS SZ.L	1
5402 4 200	CT(200PAIRS)EAR PLUGS SZ.L	1
5402 4 400	BAG(400)RE-FILL.EARPLUGS SZ.L	1



54023 10, 5402 4 10



5402 3 200, 5402 4 200



5402 3 400, 5402 4 400

Earplug 556

- Consists of: Earplug, cord, case
- Excellent attenuation values provide protection in extreme noise level
- Easy insertion and perfect adaption to the auditory canal
- Slip-proof
- High comfort and long service life
- Multiple usage
- Handy case with 3 possibilities to clip to clothes



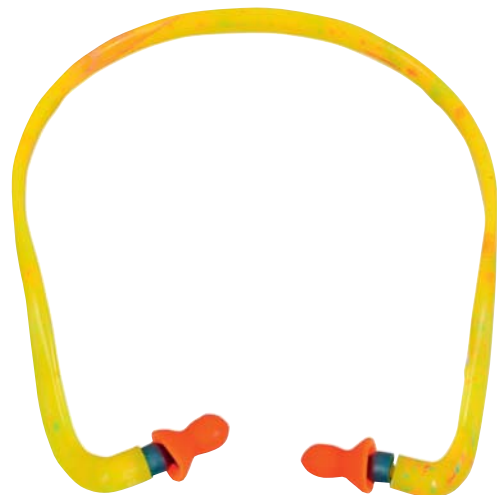
Technical Data

Sound-proofing value in dB	(acc. to EN 352-2)
H-value	29
M-value	25
L-value	24
SNR-value	28

Article No.	Article Description	QTY
5402 12	BILSOM EARPLUG 556	1

Frame - Earplugs

- Ergonomically formed, soft plugs perfectly fit to the auditory canal and provide optimum protection against high noise level
- The plugs can be washed and are easy to replace
- Conspicuous colours for good visibility
- The specially formed frame prevents dirt in case of putting it on a soiled surface
- Very light and easy to pick up
- Particularly suitable when changing noisy areas or for short-term stays in noisy sectors



Technical Data

Sound-proofing value in dB	(according to EN 352-2)
H-value	28
M-value	22
L-value	21
SNR-value	26

Article No.	Article Description	QTY
5402 15	FRAME EARPLUGS QB1	1 z
5402 15 1	PAIR REPLACEM.EARPLUGS FOR QB1	1 f

Fine dust masks

- Ergonomic filtering half-masks
- Reinforced, soft outer layer for excellent comfort and optimum fit
- High-performance filter material for high breathability, with maximum filtering capacity
- High-performance valve enables optimum emission of warm air and reduces overheating
- Hypoallergenic = no allergenic substances
- Adjustable nose bridge for optimum sealing
- Colour coding system: yellow nose bridge = FFP1, green nose bridge = FFP2, red nose bridge = FFP3, brown nose bridge = activated charcoal filter
- 4-point strap, attached
- Headband stretches up to 500% without tearing
- Latex, silicone and PVC free
- Environmentally-friendly
- NR = non-reusable
- D = Dolomite-dust-tested, high protection against clogging of the filter material
- Conforming to EN149:2001 and A1:2009

Application:

- Protection against solid and liquid aerosols (dusts, mists and sprays)
- Maximum wear time of 8 hours

Art.-No. 5403 4010:

- FFP1 NR D
- With exhalation valve
- Sealing lip in nose area
- Up to 4x the MAC value

Art. No. 5403 4020:

- FFP1 NR D-OV
- With exhalation valve
- Activated charcoal filter/OV (Organic Vapours) protects against odours from organic and acidic vapours
- in the event of strong odours e.g. waste disposal sites
- Sealing lip in nose area
- Up to 4x the MAC value

Art.-No. 5403 4000:

- FFP2 NR D
- With exhalation valve
- Sealing lip in nose area
- Up to 10x the MAC value

Art.-No. 5403 2 2:

- FFP2 NR D
- Folding mask for easy transport (compact)
- With exhalation valve
- Three-layered sealing lip in nose area: soft against the skin, absorbs moisture, optimum sealing
- Up to 10x the MAC value



5403 4010



5403 4020



5403 4000



5403 2 2

Article No.	Article Description	QTY
5403 4010	FINE DUST MASK FFP1 W.VALVE	20
5403 4020	FINE DUST MASK FFP1 W.ACT.COAL	20
5403 4000	FINE DUST MASK FFP2 W.VALVE	20
5403 2 2	FINE DUST FOLD.MASK FFP2 W.VEN	10

Fine dust masks **ECO**

- Pre-formed filtering half-masks
- Pre-formed upper part (no nose bridge)
- Tightly sealing edge
- 4-point strap, attached
- Latex, silicone, PVC-free
- Environmentally friendly
- Hypoallergenic = without allergenic substances
- NR = non-reusable
- D = Dolomite-dust-tested, high protection against clogging of the filter material
- Conforming to EN149:2001 and A1:2009

Application:

- Protection against solid and liquid aerosols (dusts, mists and sprays)
- Maximum wear time of 8 hours

Art.-No. 5403N 3001:

- FFP1 NR D
- Up to 4x the MAC value

Art.-No. 5403N 3002:

- FFP2 NR D
- Up to 10x the MAC value

Article No.	Article Description	QTY
5403N 3001	FINE DUST MASKS FFP1D ECO	30
5403N 3002	FINE DUST MASK FFP2D ECO	30



5403N 3001



5403N 3002

Coarse Dust Mask

- Protection against irritant but non-harmful substances
- No protection against inhalation of fine particles, vapours or spray paint – no PPE
- **Caution:** Coarse dust and fine dust virtually always occur as a mixture!

Article No.	Article Description	QTY
5403 1111	COARSE DUST MASK	50



Paintshop Mask

- With active coal filter, protects against organic gases and vapours up to 0.1 % volume or up to the limit value x 30 (MAC, TRK etc.)
- E.g. paintshop emission, adhesive vapours, acetone, aether, hydrocarbon, benzene, toluene etc.
- Filters are fixed to the mask and not changeable
- Particle filter class complies with EN 405: FFA 1 with active coal filter

Article No.	Article Description	QTY
5403 6601	PAINTSHOP MASK AC	1



Fine dust masks

- Ergonomic filtering half-masks with high breathing comfort
- Reinforced, soft outer layer for excellent comfort and optimum fit
- High-performance filter material for high breathability, with maximum filtering capacity
- High-performance valve enables optimum emission of warm air and reduces overheating
- Three-layered sealing lip: soft against the skin, absorbs moisture, optimum sealing
- Hypoallergenic = no allergenic substances
- Adjustable nose bridge for optimum sealing
- Colour coding system: yellow nose bridge = FFP1, green nose bridge = FFP2, red nose bridge = FFP3
- 4-point strap
- Headband stretches up to 500% without tearing
- Latex, silicone and PVC free
- Environmentally-friendly
- NR = non-reusable
- D = Dolomite-dust-tested, high protection against clogging of the filter material
- Conforming to EN149:2001 and A1:2009

Application:

- Protection against solid and liquid aerosols (dusts, mists and sprays)
- Maximum wear time of 8 hours

Art.-No. 5403 3010:

- FFP1 NR D
- With exhalation valve
- Sealing lip in nose area
- Attached headbands
- Up to 4x the MAC value

Art. No. 5403 5005:

- FFP2 NR D
- With exhalation valve
- Complete sealing lip
- Adjustable 10 mm headbands
- Up to 10x the MAC value

Art.-No. 5403 5050:

- FFP3 NR D
- With exhalation valve
- Complete sealing lip
- Adjustable 10 mm headbands
- Up to 30x the MAC value



5403 3010



5403 5005



5403 5050

Article No.	Article Description	QTY
5403 3010	FINE DUST MASK FFP1D SEAL.LIP	20
5403 5005	FINE DUST MASK FFP2D SEAL.LIP	5
5403 5050	FINE DUST MASK FFP3D SEAL.LIP	5

Respirator - Half Mask System

- Skin-friendly, comfortable half mask made of silicone caoutchouc for the usage of screw filters
- Optimum safety due to sealing lip and consistent contact pressure
- Double filter system allows free sight ahead and also relieves the neck muscles because of an optimum mass distribution

Article No. 5403 6801:

- Without filter

Article No. 5403 6804

- Filter type class A2

Article No. 5403 6809

- Filter type class A1/B1 E1/K1

Article No. 5403 6804 1

- Protects gas filter against early closing due to atomized paint

Article No. 5403 6811

- For the fixation of the pre-filters onto the gas filters

Article No. 5403 6821

- Filter type class P3

Article No. 5403 6814

- Filter type class A1 / P3

Article No. 5403 6815

- Filter type class A2 / P3



5403 6801



5403 6804



5403 6809



5403 6804 1



5403 6811



5403 6821



5403 6814
5403 6815

Article No.	Article Description	QTY
5403 6801	DOUBLE FILTER-HALF MASK	1
5403 6804	GAS FILTER A2 F.PAINTERS	2 z
5403 6809	GAS FILTER A1B1E1K1	2 z
5403 6804 1	SPRAY-PAINT PRE-FILTER	20
5403 6811	PRE-FILTER TOP	2
5403 6821	PARTICLE FILTER P3	1 z
5403 6814	GAS/PART.-FILTER (COMBIN.)A1P3	2 s
5403 6815	GAS/PART-COMBI.FILTER AS/P3	2 s

Filter-Set for Painters

Article No.	Article Description	QTY
5403 6801 1	PAINT SPRAYING FILTERSET A2	1

Contents:

- 1x Art. No. 5403 6801 Half mask
- 2x Art. No. 5403 6804 Gas filter A 2
- 2x Art. No. 5403 6811 Pre-filter casing cover
- 20x Art. No. 5403 6804 1 Spray-paint pre-filters



Container Warning Tape

- For marking of containers and interchangeable tanks in compliance with DIN 67520 Part 2
- Self-adhesive, highly reflexive foil, 4 pieces pointing to left and right (141 x 705 mm)



Article No.	Article Description	QTY
3415 15	CONTAINER WARNING TAPE SET	1

Safety Equipment for Commercial Vehicles 1

- Complies with law governing road transport of hazardous goods (GGVS)
- Case size WxHxD: 230 x 220 x 75 mm

Article No.	Article Description	QTY
3415 11	SAFETY EQUIPMENT 1 ACC.GGVS	1

Contents:

Tight-fitting protective goggles, gloves (PVC with cotton jersey lining), eye wash bottle with aseptic filling



Safety Equipment for Commercial Vehicles 2

- Complies with law governing road transport of hazardous goods (GGVS)
- Case size WxHxD: 350 x 285 x 120 mm

Article No.	Article Description	QTY
3415 12	SAFETY EQUIPMENT 2 ACC. GGVS	1

Contents:

Tight-fitting protective goggles, gloves (PVC with cotton jersey lining), eye wash bottle with aseptic filling, light protective clothing (coat), over-shoes



Safety Equipment for Commercial Vehicles 3

- Complies with law governing road transport of hazardous goods (GGVS)
- Case size WxHxD: 430 x 330 x 170 mm

Article No.	Article Description	QTY
3415 13	SAFETY EQUIPMENT 3 ACC. GGVS	1
3415 14 1	MULTI FILTER DIN 3183	1
5403 14	PANORAMA FULL-FACE MASK	1

Contents:

Sealed protective goggles, gloves (PVC tricot padded), eye spray flask with aseptic filling, light protective clothing (coat), boots for covering, Panorama full protective mask, combi filter DIN 3183 A2, B2, E2, K2; Hg, P3



Safety Equipment for Commercial Vehicles 4

- Complies with law governing road transport of hazardous goods (GGVS)
- Case size WxHxD: 430 x 330 x 170 mm

Article No.	Article Description	QTY
3415 14	SAFETY EQUIPMENT 4 ACC.GGVS	1
3415 14 1	MULTI FILTER DIN 3183	1
5403 14	PANORAMA FULL-FACE MASK	1

Contents:

Tight-fitting protective goggles, gloves (PVC with cotton jersey lining), eye wash bottle with aseptic filling, protective clothing with hood (overalls), overshoes, Full face mask with panorama view, combi filter, DIN 3183A2, B2, E2, K2, Hg, P3, first aid kit in compliance with DIN 13164, rescue blanket 2200 x 1600 mm



Overshoes, universal

- upper material: polyethylene
- with elastic band
- weight: 7.5 g per piece
- fits every shoe size
- colour: white

Article No.	Article Description	QTY
5406 400	CT(20) PE-OVERSHOES	1



Laces

- in 2 different lengths:
 - 100 cm for shoes
 - 120 cm for half boots
- colour: black, black / white, beige / white

Article No.	Article Description	QTY
5406 90 5	PAIR LACES BLACK 100CM	1
5406 90 8	PAIR LACES BLACK/WHITE 100CM	1
5406 90 9	PAIR LACES BEIGE 90CM	1
5406 120 5	PAIR LACES BLACK 120CM	1
5406 120 8	PAIR LACES BLACK/WHITE 120CM	1
5406 120 9	PAIR LACES BEIGE/WHITE 120CM	1



Shoe horn

- Stainless steel
- 40 cm long

Article No.	Article Description	QTY
5406 40	FÖRCH SHOE HORN 40CM	1



Disposable Overall - Category I

- Material: polypropylene fabric
- Basis weight: 40 g/m²
- Elasticated at sleeve, cowl, legs and waist
- Finishing strip over the zipper which goes down to the chin
- According to european standard for personal protective equipment (PSA) against danger CE category I

Application fields:

- Protects against dirt e.g. car repair, coating, inspection work, gardening, visitor's overall (protects street clothes)

Article No.	Article Description	QTY
5407 1 50 52	DISPOS.OVERALL C1 SI.M (50-52)	e 10
5407 1 54 56	DISPOS.OVERALL C1 SI.L (54-56)	e 10
5407 1 58 60	DISPOS.OVERALL C1 SI.XL(58-60)	e 10
5407 1 62 64	DISPOS.OVERAL.C1 SI.XXL(62-64)	e 10



Multipurpose Overall - Category I

- Material: 100 % Polyester
- Dust-free and lint-free painting overall with hood
- Colour: grey
- Anti-statically treated but not permanently antistatic ad per EN 1149-1
- Silicone-free
- Washable at 30 °C or by means of chemical cleaning
- Rubber draws on sleeves, ankles, and waist
- Hood with drawstring, 1 pocket on breast and 2 pockets on bottom
- Concealed two-way zip
- CE category I as per the European standard for personal safety equipment (PSE) against moderate dangers

Areas of use:

- Painting work

Article No.	Article Description	QTY
5407 3 46 48	MULTI.OVERA.C1 SIZE M(46/48)	1
5407 3 50 52	MULTI.OVERA.C1 SIZE L(50/52)	1
5407 3 54 56	MULTI.OVERA.C1 SIZE XL(54/56)	1
5407 3 58 60	MULTI.OVERA.C1 SIZE XXL(58/60)	1



Fall Arrest System Window Work / Facade

- Window worker's set for universal use at windows and on facades
- Slide guided type fall arrestor to make it easier to work in changing working positions with large radius activity range



Article No.	Article Description	QTY
4985 6	WINDOW WORK-SET	1

Contents:

- Safety harness, Premium Comfort in accordance with EN 361
- Guided type fall arrestor SKG 10 m in accordance with EN 353-2 and EN 358
- Tape sling 26 kN, 2 m in accordance with EN 354, EN 566 and EN 795-B
- Carrier bag

Your Advantage / Benefit

- Very high-quality, comfortable two-point harness with shoulder , back and leg padding making it very comfortable to wear
- Quick and easy to put the harness on and take it off with click lock
- Special kernmantel rope, suitable for working over edges, is approved for both vertical and horizontal use
- Convenient storage and transport in carrier bag supplied

Application

- Suitable for work at height on windows with a risk of falling, work on facades, cleaning work on buildings



Related Products

- Doorway crossbeam
Art.-No. 4985 60 6



- Lanyard with tape shock absorber
Art.-No. 4985 40 1



Fall Arrest System for Work on Scaffolding

- Scaffolding set with special attachments for use on scaffolding



Your Advantage / Benefit

- Very high-grade, comfortable two-point harness with shoulder, back and leg padding making it very comfortable to wear
- Quick and easy to put the harness on and take it off with click lock
- Special attachments, suitable for working over edges, special approved for scaffolding
- Comfortable storage and transport in carrier bag supplied

Application

- Suitable for all work on scaffolding

Article No.	Article Description	QTY
4985 7	SCAFFOLDING SET	1

Contents:

- Premium Comfort safety harness in accordance with EN 361 with anchor points on chest and back
- Compact fall arrestor with double tail in accordance with EN 354 and EN 360, length 2.5 m

Fall Arrest System, Lifting Platforms

- Lifting platform set for use on all popular lifting platforms
- No minimum working height

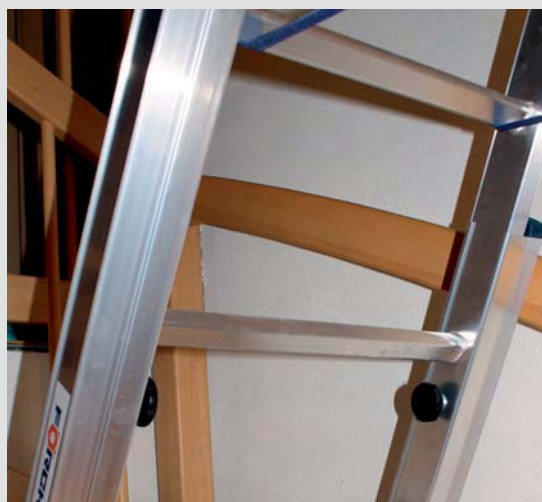


Your Advantage / Benefit

- Comfortable two-point harness
- Adjustable buckles in shoulder and leg areas make it quick and easy to put the harness on and take it off as well as adjust it
- Universal harness, adjustable to all body sizes
- Fall arrestor specially approved for all work on lifting platforms
- Comfortable storage and transport in carrier bag supplied

Application

- Suitable for all work on lifting platforms



Article No.	Article Description	QTY
4985 8	LIFTING PLATFORM SET	1

Content:

- Premium safety harness in accordance with EN 361 with anchor points on chest and back
- Compact fall arrestor in accordance with EN 354 and EN 360, length: 1.8 m
- Carrier bag

Bin Bags

- Delivery mode: Role per 25 pcs
Art.-No. 5419 92:
- Delivery mode: Role per 15 pcs
Art. No. 5419 98 1:
- For small bins, with strap
- Delivery mode: Role per 50 pcs



Technical Data						
Article-No.:	5419 92	5419 93	5419 95	5419 96	5419 97	5419 98 1
Colour:	blue	blue	blue	blue	transparent	white
Dimensions:	700 x 1,100 mm	700 x 1,100 mm	700 x 1,100 mm	700 x 1,100 mm	700 x 1,100 mm	500 x 600 mm
Volume:	120 l	120 l	120 l	120 l	120 l	30 l
Foil thickness:	0.075 mm	0.038 mm	0.060 mm	0.080 mm	0.060 mm	0.018 mm
Material:	LDPE-LLDPE New material + Regenerated	LDPE Regenerated	LDPE Regenerated	LDPE Regenerated	LDPE Regenerated	HDTE New material

Article No.	Article Description	QTY
5419 92	RO(15)BIN BAGS BLUE 75MM 120L	e 10
5419 93	RO(15)BIN BAGS BLUE 38MM 120L	e 10
5419 95	RO(25)BIN BAGS - BLUE 120L	e 10
5419 96	RO(25)BIN BAGS PROF.BLUE 120L	e 10
5419 97	RO(25)BIN BAGS TRANSPAR.120L	e 10
5419 98 1	RO(50)BIN BAGS WHITE 18MM 30L	e 30

60 litre rubble sack

- extra strong
- material: LDPE
- delivery mode: Box with 100 pieces



Technical Data	
colour:	blue
dimensions (mm):	500 x 850
litre:	approx. 60
foil thickness (mm):	0.15

Article No.	Article Description	QTY
5419 94	CT(100)RUBBLE BAGS BLUE 60L	1

Bin Bags for Paper Towels

- Material: LDPE
- For disposing of paper towels and light waste
- Suitable for wire mesh bins with a circumference of 1,260 mm
- Delivery: Box of 360 units

Technical Data	
Colour:	white
Dimensions (mm)	630 x 850
Litres:	approx. 60
Film thickness (mm)	0.013

Article No.	Article Description	QTY
5419 91	KT(360)HOSTESSBAG WHITE 60L	1



5419 91

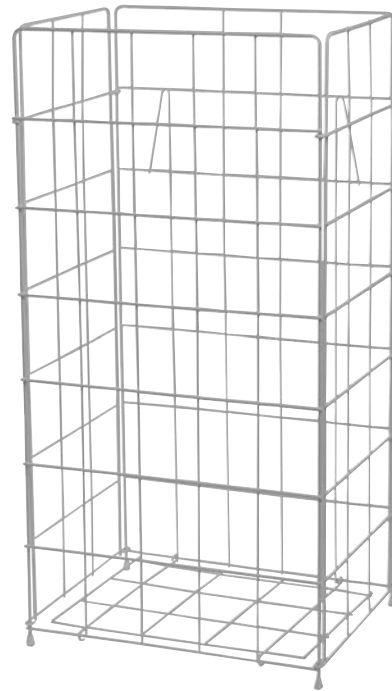


Mesh waste basket 52 litres

- Painted white
- Collapsible
- Wall-mounting possible

Technical Data

Volume: 52 l
Dimensions, (H x W x D): 640 x 330 x 255 mm



Article No.	Article Description	QTY
5413 92	MESH WASTE BASKET	1

240 litre recycling bag

- suitable for all normal bins
- for disposing of rubbish or gathering recyclable material
- material: LDPE
- delivery mode: Box with 50 pieces

Technical Data

Colour: blue
Dimension (mm): 650 x 550 x 1350
Litre: 240
Foil thickness (mm): 0.08



Article No.	Article Description	QTY
5419 240	CT(50)RECYCLING BAG 240L	1

Recycling bags 1 m³ and 2.5 m³

- ideal for collecting recyclable material such as polystyrene, foil, insulations etc. and for disposing of light rubbish

Technical Data

Article-No.:	5419 1000	5419 2500
Colour:	clear-transparent	clear-transparent
Dimensions (mm):	900 x 600 x 2000	1250 x 850 x 2600
Volumes:	1 m ³	2.5 m ³
Foil thickness (mm):	0.08	0.08



Article No.	Article Description	QTY
5419 1000	CT(30)RECYCLING BAG 1M ³	1
5419 2500	CT(20)RECYCLING BAG 2.5M ³	1

Street Broom

- Synthetic bristles, red
- Flat wood
- Stem: 5417 9 140 5

Article No.	Article Description	QTY
5417 2 32	STREET BROOM RED 32CM	1
5417 2 40	STREET BROOM RED 40CM	1
5417 2 60 1	STREET BROOM RED 60CM	1



Piassava street broom

- Piassava bristles
- Head with handle hole
- Handle: Art.-No. 5417 9 140 5

Article No.	Article Description	QTY
5417 2 40 2	PIASSAVA STREET BOOM 40CM	1



Hall Broom Coco

- With thread
- Stem: Art. No. 5417 9 120 1, 5417 9 120 2, 5417 9 120 3, 5417 9 140 3

Article No.	Article Description	QTY
5417 2 28 2	HALL BROOM WITH THREAD 28CM	1



Hall broom Elaston with metal holder

- Stem: Art. No. 5417 9 140 4
- Metal holder: ø 24 mm

Article No.	Article Description	QTY
5417 3 40 2	HALL BROOM ELASTON 40CM	1
5417 3 60 2	HALL BROOM ELASTON 60CM	1



Salon broom with metal holder

- Bristles: mixture
- Fine, very sensitive
- Stem: Art. No. 5417 9 140 4
- Metal holder: ø 24 mm

Article No.	Article Description	QTY
5417 2 40 1	SALON BROOM MIXTURE 40CM	1
5417 2 60	SALON BROOM MIXTURE 60CM	1



Workshop Broom Arenga with Metal Holder

- For robust usage
- Fitting stem for the metal holder Ø 24 mm: Art. No. 5417 9 140 4
- Fitting stem for the metal holder Ø 28 mm: Art. No. 5417 9 140 6

Article No.	Article Description	QTY
5417 3 40 1	WORKSHOP BROOM ARENGA Ø24 40CM	1
5417 3 60 1	WORKSHOP BROOM ARENGA Ø24 60CM	1
5417 3 80	WORKSHOP BROOM ARENGA Ø24 80CM	1
5417 3 100	WORKSHOP BROOM ARENG.Ø24 100CM	1
5417 3 80 1	WORKSHOP BROOM ARENGA Ø28 80CM	1
5417 3 100 1	WORKSHOP BROOM ARENG.Ø28 100CM	1



Hand Brush Plastic

- Material: Polypropylene, PBT
- Bristle hardness: soft
- Length: 33 cm
- Resistant to chemicals in pH range 3 - 12

Article No.	Article Description	QTY
5410 33	HNADBRUSH PLASTIC LENGTH:33CM	1



Hand Brush

Art. No. 5417 40:

- Black
- Mixed bristles

Art. No. 5417 45:

- Coco
- Long stem

Article No.	Article Description	QTY
5417 40	HAND BRUSH MIXTURE	1
5417 45	HAND BRUSH COCO 45CM	1



Dustpan Plastic

- Material: Polypropylene
- Length: 33 cm
- Resistant to chemicals in pH range 2 – 10.5

Article No.	Article Description	QTY
5410 33 1	DUSTPAN PLASTIC LENGTH: 33CM	1



Dustpan

- Full-Metal
- Length: 24.5 cm
- Resistant to chemicals in pH range 2 - 12

Art.-No. 5417 22

- With wooden handle

Article No.	Article Description	QTY
5410 245	DUSTPAN METALLIC 24.5CM	1
5417 22	DUSTPAN 22CM	1



Stem - Wooden

Art. No. 5417 9 120 1:

- Wooden Ø 24 mm with thread
- Length: 120 cm

Art. No. 5417 9 140 4:

- Wooden Ø 24 mm
- Length: 140 cm

Art. No. 5417 9 140 5

- Wooden cone Ø 28 mm
- Length: 140 cm
- Robust model



Article No.	Article Description	QTY
5417 9 120 1	STEM WOOD.W.THREAD Ø24MM 120CM	1
5417 9 140 4	STEM WOOD.STRAIGHT Ø24MM 140CM	e 5
5417 9 140 5	STEM WOODEN CONE Ø28MM 140CM	e 5
5417 9 140 6	STEM WOOD.STRAIGHT Ø28MM 140CM	e 5

Stems - Metal/Aluminium

Art. No. 5417 9 120 2:

- Metal with thread
- Plastic coating
- Length: 120 cm

Art. No. 5417 9 140 3:

- Metal with thread
- Plastic coating
- Length: 140 cm

Art. No. 5417 9 120 3

- Aluminium with thread
- Upper half plastic coated
- Length: 140 cm



Article No.	Article Description	QTY
5417 9 120 2	STEM - METAL WITH THREAD 120CM	1
5417 9 120 3	STEM - ALU.WITH THREAD 120CM	1
5417 9 140 3	STEM - METAL WITH THREAD 140CM	1

Tyre Marker

- For marking tyres concerning vehicle details, tyre allocation, tyre damages etc.
- Waterproof rubber marker, also usable for many application fields
- Suitable for dry and wet tyres, metals and alloys, plastics, acrylic glass, wood, cork, glass, porcelain, ceramics, earthenware, terra cotta, concrete, masonry, brick, stone cartons as well as further smooth and rough surfaces

Art. No. 3595 10 and 3595 11:

- Ø x L: 10 x 90 mm

Art. No. 3595 30 and 3595 31:

- Ø x L: 18 x 90 mm

Article No.	Article Description	QTY
3595 1	UNIV.TYRE MARKER HOLDER 10MM	1 z
3595 10	UNIV.TYRE MARKER WHITE 10MM	12
3595 11	UNIV.TYRE MARKER YELLOW 10MM	12
3595 30	UNIV.TYRE MARKER WHITE 18MM	12
3595 31	UNIV.TYRE MARKER YELLOW 18MM	12



3595 1



3595 10



3595 11



3595 30



3595 31

Universal marker set

- very stable design, completely made from anodised metal, with practical clip
- all-purpose lead to mark almost every material, whether dry or wet: car paint tiles, brick, wet or dry wood, glass, rubber, tyres, ceramic, concrete, metal, plastic to name a few
- graphite lead to mark wood, paper and cardboard
- with sharpener in the cap for the graphite lead

scope of delivery:

- 2x universal marker
- 5x graphite leads
- 5x yellow all purpose leads
- 5x red all purpose leads

Article No.	Article Description	QTY
4713 17 1	UNIVERSAL MARKER SET	1 d
4713 17 2	P(5)PENCIL LEAD F.UNI.MARK.RED	1
4713 17 3	P(5)PENCIL LEAD F.UNI.MARK.YEL	1
4713 17 4	P(5)PENCIL LEAD F.UNI.MARK.GRA	1
4713 17 5	REPLACEMENT UNIVERS.MARKER	1
4713 17 6	P(5)PENCIL LEAD UNI-M.SOAPSTON	1



Hand tools

Pencil

- Graphite mine 2H
- High-quality lime wood
- For marking and labelling wood (hardwood)

Article No.	Article Description	QTY
4715 175	PENCIL 17.5CM	e 10



Carpenter's Pencil

- Graphite mine HB
- High-quality lime wood
- For marking and labelling wood, cartons and paper

Article No.	Article Description	QTY
4715 200	CARPENTER'S PENCIL	e 12



Stone carvers' pencil

- Graphite mine 6H
- High-quality lime wood
- For marking and labelling rough and hard surfaces, e.g. bricks, stone, concrete etc.

Article No.	Article Description	QTY
4715 240	STONE CARVERS' PENCIL 240MM	e 12



Forester and Signed Chalk

- Ideal for the application to wood (wet and dry), brick, concrete and board,
- Even applicable to iron, sheet, hot surfaces, rubber, leather or textiles
- Form: hexagonal 12 mm
- Length: 110 mm long

Article No.	Article Description	QTY
4713 1 1	FORESTER/SIGNED CHALK YELLOW	12
4713 1 2	FORESTER/SIGNED CHALK RED	12
4713 1 3	FORESTER/SIGNED CHALK BLUE	12
4713 1 4	FORESTER/SIGNED CHALK GREEN	12
4713 1 5	FORESTER/SIGNED CHALK BLACK	12
4713 1 6	FORESTER/SIGNED CHALK WHITE	12



Blackboard chalk

- suitable for many different surfaces
- can be dry or wet wiped
- high breaking resistance
- colour: white
- shape: round Ø 10 mm
- length: 80 mm

Article No.	Article Description	QTY
4713 5	P(10) BLACKBOARD CHALK WHITE	1



Chalk line marker 30 m

- Chalk line marker 30 m
- Case made of die-cast magnesium
- Flat sides for optimal support
- Crank and spindle made of die-cast zinc
- Integral push system – crank does not rotate when spindle is pushed in and chalk line is pulled out
- Hardened hook with two curved prongs
- Hook can be attached to housing to ensure safe transport
- Stainless steel belt clip



Article No.	Article Description	QTY
4713 6 30 1	CHALK LINE MARKER 30M 5*	1

Chalk line marker 5:1 30 m FORCH*****

- Chalk line marker 30 m
- Rapid retraction with 5:1 gear ratio
- Case made of die-cast magnesium
- Flat sides for optimal support
- Crank and spindle made of die-cast zinc
- Integral push system – crank does not rotate when spindle is pushed in and chalk line is pulled out
- Hardened hook with two curved prongs
- Hook can be attached to housing to ensure safe transport
- Large chalk capacity
- Stainless steel belt clip



Article No.	Article Description	QTY
4713 6 30 5	CHALK LINE MARKER 30M 5:1 5*	1

Chalk line marker PP 30 m

- Chalk line marker 30 m
- Case and crank made of polypropylene
- Hardened hook with two curved prongs



Article No.	Article Description	QTY
4713 6 30	CHALK LINE MARKER PP 30M	1

Line marker chalk 250 g/ 1000g

- In flexible plastic bottles
- Good adhesion
- Poor water-solubility
- Quantity per pack: 250 g or 1,000g



4713 6 1 1000



4713 6 1 250



4713 6 2 1000



4713 6 2 250



4713 6 3 1000



4713 6 3 250

Article No.	Article Description	QTY
4713 6 1 1000	LINE MARKER CHALK BLUE 1000G	1
4713 6 1 250	LINE MARKER CHALK BLUE 250 G	1
4713 6 2 1000	LINE MARKER CHALK RED 1000G	1
4713 6 2 250	LINE MARKER CHALK RED 250G	1
4713 6 3 1000	LINE MARKER CHALK BLACK 1000G	1
4713 6 3 250	LINE MARKER CHALK BLACK 250G	1

Plumb bob

- Made of steel, silver painted
- For use with a mason's lacing cord e.g. as in 5422 10 50

Article No.	Article Description	QTY
4715 400	SENKLOT-BIRNENFORM 400G	1



Ratchet Lashing Strap 2-piece for heavy-duty use

Your Advantage / Benefit

- Polyester fabric with a special water-repellent, PU-impregnation
- Optimum properties even in frost
- In addition, well-protected against soiling by oil-based products
- With standard label on underside and additional quick-view label for rapid user information
- The strap can be put, stretched and as well solved at any position in the ratchet, due to the extendable winding shaft
- High time saving

Application

- Wickelwelle ausziehen, Gurt in Ratsche positionieren und festzurren



Technical Data

Article No.	Lashing length LC (daN)	Normal standard tension force STF (daN)	Strap length m	Strap width mm
4981 5 5000 8	2.500	300	8	50
4981 5 5000 10	2.500	300	10	50

Article No.	Article Description	QTY
4981 5 5000 8	RATCH.LASH.STRAP.F.H.D. 8M 5*	1
4981 5 5000 10	RATCH.LASH.STRAP.F.H.D. 10M 5*	1

Related Products

- Edge protection
Art.-No. 4984 50 1
Art.-No. 4984 50 2
Art.-No. 4984 7 190



- Anti-skid mat truck
Art.-No. 4984 3 600 150
Art.-No. 4984 8 130 110
Art.-No. 4984 8 300 200



- Tension strap dispenser
Art.-No. 5446 100
Art.-No. 5446 200



- Manual stretch films
Art.-No. 5444 100
Art.-No. 5444 500



PVC Cleaner Type 10

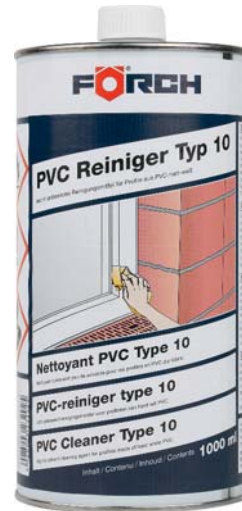
- Light etching cleaner for profiles made of PVC-hard-white in plastic window areas
- Removes rough surface dirt such as markings, adhesive residues etc.
- Ideal to clean surfaces prior to adhesion
- With UVA-additive

Usage instructions:

- The surface to be cleaned must be dry of free of dust
- Only use colourfast cloth
- Only use during dry weather

Technical Data	
Minimum working temperature	+5 °C
Ignition temperature	+460 °C
Density (as per EN542 at +20°C)	0.850 g / cm ³
Shelf life (cool and dry, in unopened original packing)	24 months
Preferably	20 °C, ±5 °C

Article No.	Article Description	QTY
6870 8700	C(1L)PVC CLEANER TYPE 10	1 z



PVC Cleaner Type 20

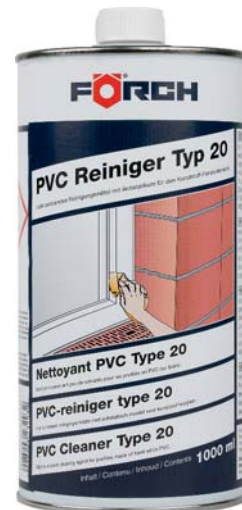
- Non-etching cleaning for profiles for white and coloured profiles in plastic window areas
- Removes light surface dirt such as dust , grease etc.
- With antistatic effect (dust-repellent)
- With UVA-additive

Usage instructions:

- The surface to be cleaned must be dry and free of dust
- Only use colourfast cloth

Technical Data	
Minimum working temperature	+5 °C
Ignition temperature	>514 °C
Density (as per EN542 at +20°C)	0.720 g / cm ³
Shelf life (cool and dry, in unopened original packing)	24 months
Preferably	20°C, ±5 °C

Article No.	Article Description	QTY
6870 8701	C(1L)PVC CLEANER TYPE 20	1 z



Alu Cleaner Type 60

- Cleaner for powder-coated and anodised aluminium profiles
- Low-odour
- Fast drying

Usage instructions:

- The surface to be cleaned must dry and free of dust
- Only use colourfast cloth
- Contact tests are recommended

Technical Data	
Minimum working temperature	+5 °C
Ignition temperature	>514 °C
Density (as per EN542 at +20°C)	approx. 0.700 – 0.739 g/cm ³ at 15°C
Shelf life (cool and dry, in unopened original packing)	24 months
Preferably	20 °C, ±5 °C

Article No.	Article Description	QTY
6870 8705	C(1L)ALU CLEANER TYPE 60	1 z



Universal Nitro Thinner R505

- Lacquer solvent and cleaning thinner
- A universal cleaning and thinning agent for painting works

Article No.	Article Description	QTY
6130 1580	UNIVERS.NITRO THINNER R505 5L	1
6130 1582	UNIVERS.NITRO THINNER R505 20L	1
6130 1586	UNIVERS.NITRO THINNER R505 60L	1

Suitable spout:

- 20 l: -
- 60 l: Art.-No. 6000 0016



Synthetic Resin - Paint Thinner R506

- For cleaning purposes and adjusting the viscosity of synthetic resin products

Article No.	Article Description	QTY
6130 1590	SYNTH.RESIN PAINT THIN.R506 5L	1



Acrylic Paint Thinner R508

- For cleaning purposes and adjusting the viscosity of paint products

Article No.	Article Description	QTY
6130 1595	ACRYLIC PAINT THINNER R508 5L	1



Roll of Cleaning Cloth

- Pre-perforated, with reinforced edges

Art. No. 5413 97 5 1

- Food-safe

Art. No. 5413 20, 5413 30:

- Suitable for inner unrolling
- Outer Ø roll: 290 mm

Art. No. 5413 22:

- Full surface glued



Article No.	Article Description	QTY
5413 10	RO(1000)WIPE 3L-BLUE 38X36CM	e 2 b
5413 10 1	RO(1000)WIPE 3L-WHITE 38X36CM	1
5413 11	RO(1000)WIPE 2L-BLUE 38X36CM	i 4
5413 11 1	RO(1000)WIPE 2L-WHITE 38X36CM	2
5413 16 1	RO(800)WIPE 2L-WHITE 22X30CM	i 6
5413 20	RO(1000)WIPE 2L-WHITE 26X38CM	2
5413 22	RO(1000)WIPE 3L-BLUE 26X38CM	1
5413 30	RO(1000)WIPE 2L-BLUE 22X38CM	2
5413 97	RO(473PC)TISS.3L.WHITE 26X38CM	i 6
5413 97 5 1	RO(500PC)TISS.3L.BLUE 22X38CM	i 6

Cleaning Cloth Rolls **ECO**

- Perforated
- Colour: brown

Article No.	Article Description	QTY
5413 96	RO(473PC)TISSUE 2L.26X38CM ECO	2

(roll width x sheet length)



Roll Holder

- Splitter for exact tear-off
- Floor stand
 - For big rolls up to 42 cm width, and rollable
 - With holder for waste sack
- Wall holder
 - For big rolls up to 40 cm width
 - Can be used in fixed position and mobile
 - Without holder for waste sack

Article No.	Article Description	QTY
5413 90	WIPE FLOOR STAND	1
5413 91	WIPE WALL HOLDER	1
5413 100	WIPE FLOOR STAND W.H.F.WASTE	1



Barrier Tape

- Extremely tear-resistant
- For cordoning-off, securing and limiting danger areas
- Environmentally-friendly
- Individual packaging in the handy dispenser box
- Dimensions L x W: 500 m x 8 cm

Art. No. 5404 500:

- Both sides blocked in red / white

Art. No. 5404 500 2:

- Both sides cross-hatched in red / white
- In accordance with ASR 1.3 and BGV A8

Art. No. 5404 500 3:

- Both sides cross-hatched in yellow / black
- In accordance with ASR 1.3 and BGV A8



Article No.	Article Description	QTY
5404 500	BARRIER TAPE RED/WHITE 500M	1
5404 500 2	RED/WHI.BAR.TAPE CROS.HA.500MM	1
5404 500 3	YEL/BLA.BAR.TAPE CROS.HA.500MM	1

Barrier Line Holder

Art. No. 5417 14 1200

- With safety bow

Art. No. 5417 14 1200 1

- With neptune hook
- Corrugated
- Note: not approved for use at construction sites



Article No.	Article Description	QTY
5417 14 1200	BARRIER HOLD CORR.BOW 14X1200	10
5417 14 1200 1	LOCKING CHEQUERED HOOK 14X1200	10

Cordon

- For all types of barriers e.g. construction, industry area, parking areas, parking spaces etc.
- Made of polyethylene

Technical Data				
Art. No.	Chain link Ø mm	Chain link nner Ø mm	Length m	Colour
5404 6 30	6	8,5	30	red / white
5404 8 25	8	12	25	red / white

Article No.	Article Description	QTY
5404 6 30	BAG(30M)CORDON PLASTIC 6MM	1
5404 8 25	BAG(25M)CORDON PLASTIC 8MM	1



Gutter Hose

- The gutter hose protects house fronts from rainwater contamination during renovation work
- Due to very simple handling, it offers diverse possibilities for use

Article No.	Article Description	QTY
8832 130	RO(100M)GUTTER HOSE 130MM	1



Battery Working Spotlight COB-LED Li-Ion 10W / 20W

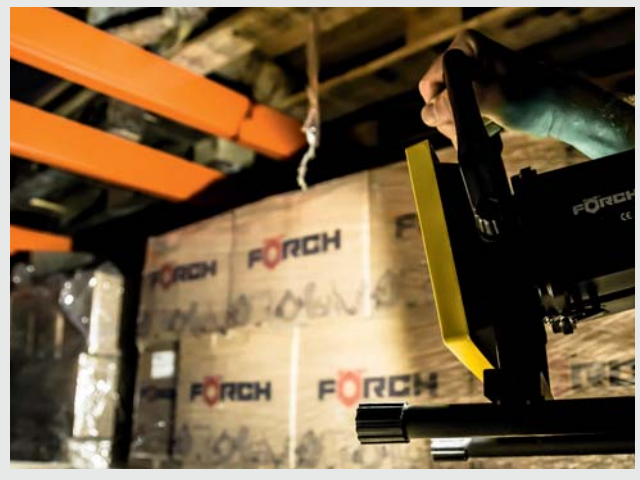
- Powerful COB light
- Ideal for mobile use in cars, workshops and in industry

Your Advantage / Benefit

- Uninterrupted work thanks to exchangeable battery
- Integrated working light and red warning flashing light on the reverse side of the battery
- Charging state indicator
- Rugged aluminium housing with stable base and ergonomic handle
- Swivelling fastening bracket for optimal illumination angle
- Multi-level brightness adjustment to adjust the light strength and the lighting duration
- USB interface for loading of additional devices such as mobiles, tablets, etc.



Application



Technical Data

Art.-No.:	5424 10	5424 20
Power connection:	230 V / 50 Hz	230 V / 50 Hz
Illuminant:	COB-LED	COB-LED
Luminaire Service Life:	approx 30,000 hrs	approx 30,000 hrs
Light Strength:	approx 600 lm	approx 1,200 lm
Light Cone:	120°	120°
Working temperature:	0°C to +50°C	0°C to +50°C
Battery Performance:	Li-Ion 7,4 V, 4,400 mAh	Li-Ion 7,4 V, 8,800 mAh
Battery life:	approx. 500 load cycles	approx. 500 load cycles
Charging time:	approx. 5 hrs	approx. 7 hrs
Lighting duration:	approx. 4 hrs	approx. 6 hrs
USB connection:	5 VDC, max. 2,100 mA	5 VDC, max. 2,100 mA
Weight:	1,100 g	1,900 g
Dimension:	167 x 185 x 255 mm	230 x 185 x 275 mm
IP-protection class	IP 54	IP 54

Article No.	Article Description	QTY
5424 10	BATT.WORK.SPOTLIGHT COB LI 10W	1
5424 10 1	SPARE BATT.F.WORKING LIGHT 10W	1
5424 10 3	CHARGER F.BATT.WORK.LIGHT 10W	1
5424 20	BATT.WORK.SPOTLIGHT COB LI 20W	1
5424 20 1	SPARE BATT.F.WORKING LIGHT 20W	1
5424 20 3	CHARGER FOR BATT.WORK.LIGHT 20W	1
5424 10 20	CHARGER 12V F.BATT.,AS 10W 20W	1

Scope of Delivery:

- 1x Working spot light battery
- 1x Mains charger
- 1x Charging cable 12V

Cable Ties

- Material: Polyamide 6.6
- Material class: UL94V-2 / AGR 3750 UV resistant
- Temperature resistance: -55°C to +100°C
- For quick bundling of cables, cable harnesses, hoses etc.
- Raised tip ensures that tie is easy to insert into fastener
- Not detachable



Article No.	Article Description	QTY
3750 25 102	CABLE TIE 2.6X98 BLACK	H 200
3750 25 160	CABLE TIE 2.5X160 BLACK	H 200
3750 25 200	CABLE TIE 2.5X200 BLACK	H 200
3750 35 145	CABLE TIE 3.5X145 BLACK	H 200
3750 35 215	CABLE TIE 3.5X200 BLACK	H 200
3750 35 280	CABLE TIE 3.5X280 BLACK	H 200
3750 47 195	CABLE TIE 4.7X195 BLACK	H 200
3750 47 285	CABLE TIE 4.7X285 BLACK	H 200
3750 47 360	CABLE TIE 4.7X360 BLACK	H 200
3750 78 202	CABLE TIE 7.8X202 BLACK	H 200
3750 78 282	CABLE TIE 7.8X282 BLACK	H 200
3750 78 363	CABLE TIE 7.8X363 BLACK	H 200
3750 78 464	CABLE TIE 7.8X464 BLACK	f 100
3750 78 540	CABLE TIE 7.8X540 BLACK	f 100
3750 78 750	CABLE TIE 7.8X750 BLACK	f 100
3750 125 225	CABLE TIE 12.5X225 BLACK	50
3750 125 535	CABLE TIE 12.5X535 BLACK	50
3751 25 102	CABLE TIE 2.6X98 WHITE	H 200
3751 25 160	CABLE TIE 2.5X160 WHITE	H 200
3751 25 200	CABLE TIE 2.5X200 WHITE	H 200
3751 35 145	CABLE TIE 3.5X145 WHITE	H 200
3751 35 215	CABLE TIE 3.5X200 WHITE	H 200
3751 35 280	CABLE TIE 3.5X280 WHITE	H 200
3751 47 195	CABLE TIE 4.7X195 WHITE	H 200
3751 47 285	CABLE TIE 4.7X285 WHITE	H 200
3751 47 360	CABLE TIE 4.7X360 WHITE	H 200
3751 78 202	CABLE TIE 7.8X200 WHITE	H 200
3751 78 282	CABLE TIE 7.8X282 WHITE	H 200
3751 78 363	CABLE TIE 7.8X363 WHITE	H 200
3751 78 464	CABLE TIE 7.8X464 WHITE	f 100
3751 78 540	CABLE TIE 7.8X540 WHITE	f 100
3751 78 750	CABLE TIE 7.8X750 WHITE	f 100
3751 125 225	CABLE TIE 12.5X225 WHITE	50
3751 125 535	CABLE TIE 12.5X535 WHITE	50

(Width x length mm)

Technical Data	
Art. No.	Bundlung Ø mm
3750 25 102	1.0 – 21
3750 25 160	1.0 – 40
3750 25 200	1.0 – 52
3750 35 145	2.0 – 35
3750 35 215	2.0 – 50
3750 35 280	2.0 – 80
3750 47 195	3.0 – 50
3750 47 285	3.5 – 79
3750 47 360	3.5 – 103
3750 78 202	3.5 – 63
3750 78 282	4.0 – 80
3750 78 363	8.0 – 100
3750 78 464	5.0 – 124
3750 78 540	35.0 – 158
3750 78 750	35.0 – 200
3750 125 225	7.5 – 57
3750 125 535	7.5 – 155
3751 25 102	1.0 – 21
3751 25 160	1.0 – 40
3751 25 200	1.0 – 52
3751 35 145	2.0 – 35
3751 35 215	2.0 – 50
3751 35 280	2.0 – 80
3751 47 195	3.0 – 50
3751 47 285	3.5 – 79
3751 47 360	3.5 – 103
3751 78 202	3.5 – 63
3751 78 282	4.0 – 80
3751 78 363	8.0 – 100
3751 78 464	5.0 – 124
3751 78 540	35.0 – 158
3751 78 750	35.0 – 200
3751 125 225	7.5 – 57
3751 125 535	7.5 – 155

Cable Ties with Plastic Tongue, Coloured

- Material: Polyamide 6.6
- Material class: MIL, UL 94 V-2
- Temperature resistance: -40 to 85 °C
- For quick bundling of cables, cable harnesses, hoses, etc.
- Not detachable



Article No.	Article Description	QTY
3750 36 150 1	CABLE TIE 3.6X150 RED	100
3750 48 200 1	CABLE TIE 4.8X200 RED	100
3750 48 368 1	CABLE TIE 4.8X368 RED	100
3750 36 150 2	CABLE TIE 3.6X150 BLUE	100
3750 48 200 2	CABLE TIE 4.8X200 BLUE	100
3750 48 368 2	CABLE TIE 4.8X368 BLUE	100
3750 36 150 3	CABLE TIE 3.6X150 YELLOW	100
3750 48 200 3	CABLE TIE 4.8X200 YELLOW	100
3750 48 368 3	CABLE TIE 4.8X368 YELLOW	100
3750 36 150 4	CABLE TIE 3.6X150 GREEN	100
3750 48 200 4	CABLE TIE 4.8X200 GREEN	100
3750 48 368 4	CABLE TIE 4.8X368 GREEN	100
3750 36 150 5	CABLE TIE 3.6X150 ORANGE	100
3750 48 200 5	CABLE TIE 4.8X200 ORANGE	100
3750 48 368 5	CABLE TIE 4.8X368 ORANGE	100
3750 36 150 6	CABLE TIE 3.6X150 BROWN	100
3750 48 200 6	CABLE TIE 4.8X200 BROWN	100
3750 48 368 6	CABLE TIE 4.8X368 BROWN	100
3750 48 360 7	CABLE TIE 4.8X360 BROWN	100

(Width × length mm)

Technical Data
Bundling-Ø mm
39
52
102
39
52
102
39
52
102
39
52
102
39
52
102
100