

# BERTHA VINYL IMPACT SINGLE HUNG WINDOW

## SAVINGS YOU CAN SEE! BEST VALUE: MAXIMUM STRENGTH & ENERGY EFFICIENCY

#### **FEATURES & BENEFITS:**

- Nearly impenetrable barrier to air & water penetration: Fusion welded 3 ¼" frame & sash provide strength, stability, and rigidity
- More traditional wood appearance on exterior: Unique cove mold design
- Maximized water runoff, even in driving rain: Weeped saddleback sill system
- **Resists air infiltration:** Deeply pocketed head with weather stripping
- Better thermal barrier than most other windows: .070" walls are a full 12% thicker than most other windows
- Smooth and Maintenance free operation: Coil pack balancers
- Easy sash operation: Attractive, integral lift rail
- Easy to clean: Tilt sash
- Lifetime warranty on all vinyl frames
- Made in the USA Certified<sup>®</sup>

Maximum Size	Fin: 54" x 77"
Maximum Size	Flange: 54" x 77"
Design Pressure	+70/-85 PSF
Muntin	Grids Between Glass (GBG) or Simulated Divided Light (SDL)
Grid Options	Colonial, Prairie, Perimeter
Frame Depth	3 1⁄4"
Frame Style	Fin & Flange
Colors	White, Desert Sand, or Bronze Exterior/White Interior
Approvals/ Certifications	HVHZ, Good Housekeeping Seal, Earthwise, NFRC, Energy Star, Made in the USA Certified®, Florida State Product Approval







# 1431/1441/2451/2461 SINGLE HUNG VINYL WINDOW

### THE PROTECTION & APPEARANCE YOU'RE SEEKING

#### **FEATURES & BENEFITS:**

- Nearly impenetrable barrier to air & water penetration: Fusion welded 3 ¼" frame & sash provide strength, stability, and rigidity
- More traditional wood appearance on exterior: Unique cove mold design
- Maximized water runoff, even in driving rain: 5 degree sloped sill
- **Resists air infiltration:** Deeply pocketed head with weather stripping
- Better thermal barrier than most other windows: .070" walls are a full 12% thicker than most other windows
- Smooth and maintenance-free operation: Coil pack balancers
- Easy sash operation: Attractive, integral lift rail
- Easy to clean: Tilt sash
- Lifetime warranty on all vinyl frames

Maximum Size	Fin: 48" x 72"
Maximum Size	Flange: 53 1/8" x 72"
Design Pressure	±50 PSF
Glass	Insulated, Impact Insulated
Muntin	Grids Between Glass (GBG) or Simulated Divided Light (SDL)
Grid Options	Colonial, Prairie, Perimeter
Frame Depth	3 ¼"
Colors	White, Desert Sand, or Bronze Exterior/White Interior
Approvals/ Certifications	Earthwise, Good Housekeeping Seal, Energy Star, NFRC, Made in the USA Certified®, Florida State Product Approval







## FWI 1000 SINGLE HUNG IMPACT ALUMINUM WINDOW

# MAXIMIZE PROTECTION AGAINST WATER AND WIND-BORNE DEBRIS - AT A GREAT VALUE



#### **FEATURES & BENEFITS:**

- Superior Strength and Durability: 31/4" frame depth
- Maximize prevention of air and water penetration: Double veined felts
- Uniform external look throughout the building: Uniform construction of all applications ensures windows with different DPs maintain the same external look
- Protection against corrosion and longer life: Stainless steel components
- Ease-of-operation and longer life: Preloaded spring balancers
- Enhanced energy efficiency: Insulated glass option available

SPECIFICAT	IONS:		
Maximum Size	Glazing	Nominal Glass	Design Pressure
53 ¼" × 96"	Impact	<sup>5</sup> /16" Annealed	±60
53 1⁄8" x 72"	Impact	7/16" Heat Strength	+60/-80
53" × 77"	Impact	<sup>7</sup> /16" Heat Strength	+80/-100
53 ½" x 77"*	Impact	1⁄2" Heat Strength	+120/-150
48" × 72"	Insulated Impact	<sup>3</sup> ⁄4" IGU - 5⁄16" HS	±75
53 1⁄8" x 78"	Insulated Impact	7∕8" IGU - 7∕16" HS	+80/-100

\*Indicated high rise sill

Muntin	Flat, Profile
Grid Options	Colonial, Prairie, Perimeter
Frame Depth	3 1/4"
Colors	White, Bronze
Approvals/Certifications	HVHZ, NFRC, Florida Product Approval





# 1531/1541/2551/2561 DOUBLE HUNG VINYL WINDOW

### **ENERGY EFFICIENCY & INCREASED CURB APPEAL!**

#### **FEATURES & BENEFITS:**

- Nearly impenetrable barrier to air & water penetration: Fusion welded 3 ¼" frame & sash provide strength, stability, and rigidity
- More traditional wood appearance on exterior: Unique cove mold design
- Maximized water runoff, even in driving rain: 5 degree sloped sill
- **Resists air infiltration:** Deeply pocketed head with weather stripping
- Better thermal barrier than most other windows: .070" walls are a full 12% thicker than most other windows
- Smooth and maintenance-free operation: Coil pack balancers
- Easy sash operation: Attractive, integral lift rail
- Easy to clean: Tilt sash
- Lifetime warranty on all vinyl frames
- Made in the USA Certified<sup>®</sup>

SPECIFICATIONS.	
Maximum Size	Fin: 48" x 72"
Maximum Size	Flange: 48" x 72"
Design Pressure	+/- 50 PSF
Muntin	Grids Between Glass (GBG) or Simulated Divided Light (SDL)
Grid Options	Colonial, Prairie, Perimeter
Frame Depth	3 1⁄4"
Frame Style	Fin & Flange
Colors	White, Desert Sand, or Bronze Exterior/White Interior
Approvals/ Certifications	Earthwise, Good Housekeeping Seal, Energy Star, NFRC, Made in the USA Certified®







## FWI 1000 HORIZONTAL ROLLER & HORIZONTAL ROLLER P ALUMINUM IMPACT WINDOW

## MAXIMUM STRENGTH, LONGER LIFE, & CORROSION RESISTANT

#### **FEATURES & BENEFITS:**

- Superior Strength and Durability: 31/4" frame depth
- Maximize prevention of air and water penetration: Double veined felts
- Uniform external look throughout the building: Uniform construction of all applications ensures windows with different DPs maintain the same external look
- Protection against corrosion and longer life: Stainless steel components
- Ease-of-operation, install and longer life: Heavy duty adjustable rollers
- Easy Cleaning: Removable operating sash

#### SPECIFICATIONS:

Maximum Size	Glazing	Nominal Glass	Design Pressure
74" x 72" XO or OX	Impact	<sup>5</sup> /16" Annealed	±60
74" x 72" XO or OX	Insulated Impact	5⁄8" IGU - 5∕16" Ann	±60
72" x 60" XO or OX	Impact	™/16" Heat Strength	±80
74 1⁄8" x 63" XO or OX	Impact	½" Heat Strength	+100/-120
111" x 72" XOX equal	Insulated Impact	5⁄8" IGU - 5∕16" Ann	±60
111" x 72" XOX unequal	Impact	<sup>5</sup> /16" Ann	±60
120" x 63" XOX*	Impact	½" Heat Strength	+100/-120
*Indicates high rise sill			



Muntin	Flat, Profile
Grid Options	Colonial, Prairie, Perimeter, Other
Frame Depth	3 1/4"
Colors	White, Bronze
Approvals/Certifications	HVHZ, NFRC, Florida Product Approval





# 3241/4241 HORIZONTAL ROLLER VINYL WINDOW

### **STRENGTH & STABILITY YOU CAN COUNT ON!**

#### **FEATURES & BENEFITS:**

- Nearly impenetrable barrier to air & water penetration: Fusion welded 3 ¼" frame & sash provide strength, stability, and rigidity
- More traditional wood appearance on exterior: Unique cove mold design
- **Resists air infiltration:** Deeply pocketed head with weather stripping
- Better thermal barrier than most other windows: .070" walls are a full 12% thicker than most other windows
- Enhanced leak protection: No sill screws
- Lifetime warranty on all vinyl frames

Maximum Size	71 ½" x 59 ½"
Design Pressure	±50 PSF
Glass	Insulated, Insulated Impact
Muntin	Grids Between Glass (GBG) or Simulated Divided Light (SDL)
Grid Options	Colonial, Prairie, Perimeter
Frame Depth	3 1⁄4"
Frame Style	Fin & Flange
Colors	White, Desert Sand, or Bronze Exterior/White Interior
Approvals/ Certifications	Earthwise, Good Housekeeping Seal, Energy Star, NFRC, Made in the USA Certified®, Florida Product Approval









# BERTHA VINYL IMPACT HORIZONTAL ROLLER & HORIZONTAL ROLLER P WINDOWS

### HVHZ CERTIFIED & MADE IN THE USA!

#### **FEATURES & BENEFITS:**

- Nearly impenetrable barrier to air & water penetration: Fusion welded 3 ¼" frame & sash provide strength, stability, and rigidity
- More traditional wood appearance on exterior: Unique cove mold design
- **Resists air infiltration:** Deeply pocketed head with weather stripping
- Better thermal barrier than most other windows: .070" walls are a full 12% thicker than most other windows
- Enhanced leak protection: No sill screws
- Lifetime warranty on all vinyl frames
- Made in the USA Certified®

SPECIFICATIONS:			
Maximum Size	Glazing	Frame Option	Design Pressure
111" x 63" XOX equal	Insul. Impact	Fin	+60/-70
		Flange	+65/-85
111" x 63" XOX unequal	Insul. Impact	Fin	+55/-60
		Flange	+50/-65
74" x 63" XO or OX	Insul. Impact	Fin/Fin Only	+70/-85
		Flange	+65/-85

Muntin	Grids Between Glass (GBG) or Simulated Divided Light (SDL)
Grid Options	Colonial, Prairie, Perimeter
Frame Depth	3 1⁄4"
Frame Style	Fin & Flange
Colors	White Desert Sand, or Bronze Exterior/White Interior
Approvals/ Certifications	HVHZ, Earthwise, Good Housekeeping Seal, Energy Star, NFRC, Made in the USA Certified®, Florida Product Approval









# BERTHA VINYL IMPACT AWNING WINDOW

### HVHZ CERTIFIED, BUDGET FRIENDLY & ENERGY EFFICIENT

#### **FEATURES & BENEFITS:**

- Nearly impenetrable barrier to air & water penetration: Fusion welded 3 ¼" frame & sash provide strength, stability, and rigidity
- More traditional wood appearance on exterior: Unique cove mold design
- Better thermal barrier than most other windows: .070" walls are a full 12% thicker than most other windows
- Cost efficient for retrofits
- Lifetime warranty on frames and glass
- Made in the USA Certified®

SPECIFICATIONS:	
Maximum Size	53 1⁄8" X 39"
Design Pressure	+65/-70
Glass	Insulated Impact
Muntin	Grids Between Glass (GBG) or Simulated Divided Light (SDL)
Grid Options	Colonial, Prairie, Perimeter
Frame Depth	3 1⁄4"
Frame Style	Fin & Flange
Colors	White, Desert Sand, or Bronze Exterior/White Interior
Approvals/ Certifications	HVHZ, Earthwise, Good Housekeeping Seal, Energy Star, NFRC, Made in the USA Certified®, Florida Product Approval







## HVHZ 143 VINYL CASEMENT IMPACT WINDOW

## SAFETY & BEAUTY IN ONE GREAT PRODUCT!

#### **FEATURES & BENEFITS:**

- Nearly impenetrable barrier to air & water penetration: Fusion welded 3 ¼" frame & sash provide strength, stability, and rigidity
- More traditional wood appearance on exterior: Unique cove mold design
- Maximized water runoff, even in driving rain: 5 degree sloped sill
- **Resists air infiltration:** Deeply pocketed head with weather stripping
- Better thermal barrier than most other windows: .070" walls are a full 12% thicker than most other windows
- Enhanced security: Multi-point lock
- High end aesthetics: Egress hinge option
- Lifetime warranty on all vinyl frames

DECIEICATIO

• Limited lifetime warranty: Truth Hardware with E-Guard

SPECIFICATIONS:	
Maximum Size	37" x 76"
Design Pressure	±70 PSF
Glass	Insulated Impact ¾" IGU- 5/16" Ann
Muntin	Grids Between Glass (GBG) or Simulated Divided Light (SDL)
Grid Options	Colonial, Prairie, Perimeter
Frame Depth	3 1⁄4"
Frame Style	Fin & Flange
Colors	White, Desert Sand, or Bronze Exterior/White Interior
Approvals/ Certifications	HVHZ, Florida approval number FL15971, Earthwise, Good Housekeeping Seal, Energy Star, NFRC, Made in the USA Certified®









# ERTHA IMPACT WINDOWS & DOORS CASEMENT IMPACT VINYL WINDOW

### MAXIMUM PROTECTION AGAINST HURRICANE WINDS, WIND-BORNE DEBRIS, & DRIVING RAIN



#### **FEATURES & BENEFITS:**

- Nearly impenetrable barrier to air & water penetration: Fusion welded 3 1/4" frame & sash provide strength, stability, and rigidity
- More traditional wood appearance on exterior: Unique cove mold design
- Maximized water runoff, even in driving rain: 5 degree sloped sill
- Better thermal barrier than most other windows: .070" walls are a full 12% thicker than most other windows
- Enhanced security: Multi-point lock
- High end aesthetics: Egress hinge option
- Lifetime warranty: Frames and glass
- Limited lifetime warranty: Truth Hardware with E-Guard. Coastal hardware available
- Made in the USA Certified<sup>®</sup>

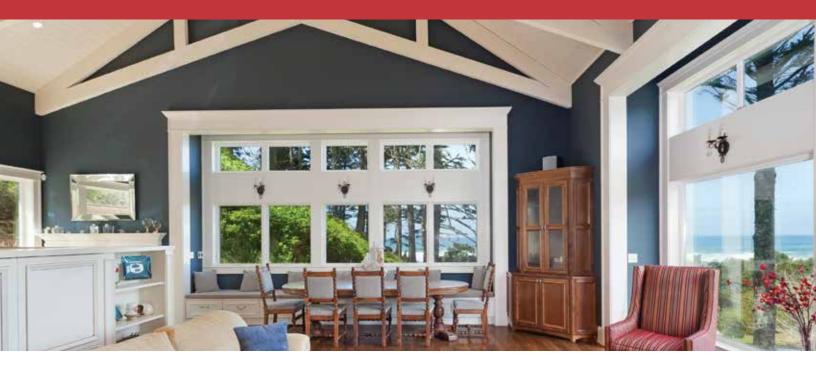
SPECIFICATIONS:	
Maximum Size	37" x 76"
Design Pressure	±70 PSF
Glass	Insulated Impact <sup>3</sup> ⁄4" IGU-5⁄16" Ann
Muntin	Grids Between Glass (GBG) or Simulated Divided Light (SDL)
Grid Options	Colonial, Prairie, Perimeter
Frame Depth	3 1/4"
Colors	White, Desert Sand, or Bronze Exterior/White Interior
Approvals/ Certifications	HVHZ, Earthwise, Good House- keeping Seal, Energy Star, NFRC, Made in the USA Certified®, Florida Product Approval Number FL15971





# 1436/1446/2456/2466 FIXED/ARCHITECTURAL VINYL WINDOW

### MAKE YOUR VISION A REALITY



#### **FEATURES & BENEFITS:**

- · Nearly impenetrable barrier to air & water penetration: Fusion welded 3 ¼" frame & sash provide strength, stability, and rigidity
- More traditional wood appearance on exterior: Unique cove mold design
- Better thermal barrier than most other windows: .070" walls are a full 12% thicker than most other windows
- · Lifetime warranty on all vinyl frames
- Design flexibility: Virtually any type of architectural window can be done

Maximum Size	Non-Impact Fin: 71 ½" x 71 ½"
Maximum Size	Non-Impact Flange: 74 ½" x 72"
Maximize Size	Impact: 64" x 84"
Design Pressure	±50 PSF
Glass	Insulated, Insulated Impact
Muntin	Grids Between Glass (GBG) or Simulated Divided Light (SDL)
Grid Options	Colonial, Prairie, Perimeter
Frame Depth	3 1⁄4"
Colors	White, Desert Sand, or Bronze Exterior/White Interior
Approvals/	Earthwise, Good Housekeeping Seal, NFRC, Energy Star, Made in

Certifications

**SPECIFICATIONS:** 

the USA Certified®, Florida State Product Approval

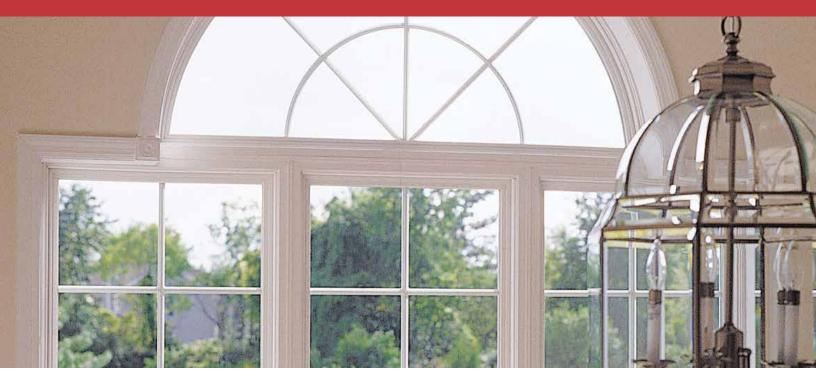






# BERTHA IMPACT VINYL PICTURE WINDOW

## BRING THE OUTSIDE BEAUTY IN, KEEP THE ELEMENTS OUT!



DECIEICATIONIC

#### **FEATURES & BENEFITS:**

- Nearly impenetrable barrier to air & water penetration: Fusion welded 3 ¼" frame & sash provide strength, stability, and rigidity
- More traditional wood appearance on exterior: Unique cove mold design
- Better thermal barrier than most other windows: .070" walls are a full 12% thicker than most other windows
- Lifetime warranty on frames and glass
- Made in the USA Certified<sup>®</sup>

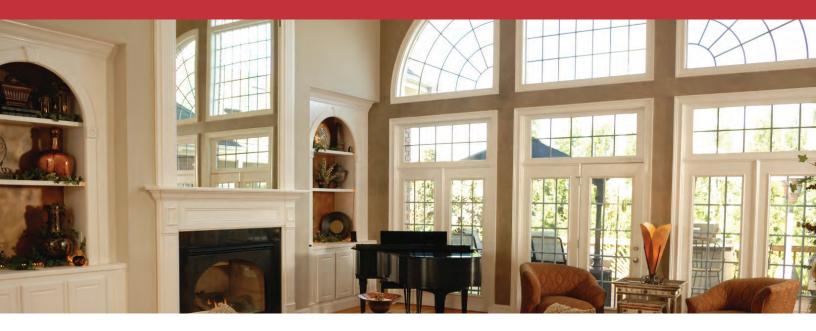
SPECIFICATIONS:	
Maximum Size	72" × 84"
Design Pressure	±80
Glass	Insulated 1" Glass Pack
Muntin	Grids Between Glass (GBG) or Simulated Divided Light (SDL)
Grid Options	Colonial, Prairie, Perimeter
Frame Depth	3 1⁄4"
Frame Style	Fin, Flange, Box
Colors	White, Desert Sand, or Bronze Exterior/White Interior
Approvals/ Certifications	HVHZ, Earthwise, Good Housekeeping Seal, Energy Star, NFRC, Made in the USA Certified®, Florida Product Approval





# 2000 SERIES PICTURE WINDOW IMPACT ALUMINUM

### ENJOY THE BEAUTY OF THE OUTSIDE, WITHOUT THE ELEMENTS



#### **FEATURES & BENEFITS:**

- **Strong:** Heavy duty aluminum alloy featuring 6063-T6 and heat strengthened glass
- Uniform external look throughout the building: Uniform construction of all applications ensures windows with different DPs maintain the same external look
- Large sizes available: Tested and approved for XL openings
- All installation fasteners are concealed if ordered with Beauty Covers (only available with Picture Windows, not Designers)

SPECIFICA	TIONS:		
		Design Pressure	Interlayer
44" × 144"	Flange Impact Only	+90/-90	.100 HP

Glass Thickness	¥2"
Glass Option	Impact Only
Muntin	Profile/Flat OG/Flat
Grid Options	Colonial, Prairie, Perimeter
Frame Depth	25⁄8"
Frame Style	Flange
Colors	White, Bronze
Approvals/Certifications	HVHZ, NFRC, Florida Product Approval





# 3000 SERIES PICTURE WINDOW IMPACT ALUMINUM

### ENJOY THE BEAUTY OF THE OUTSIDE, WITHOUT THE ELEMENTS



#### **FEATURES & BENEFITS:**

- **Strong:** Heavy duty aluminum alloy featuring 6063-T6 and heat strengthened glass
- Uniform external look throughout the building: Uniform construction of all applications ensures windows with different DPs maintain the same external look
- Large sizes available: Tested and approved for XL openings
- Finished, high-end look: Concealed fasteners
- Allows for multi-configurations
- Improved energy efficiency: Insulated glass option
- All installation fasteners are concealed

SPECIFICATIONS:				
		Design Pressure		
48" × 120"	Flange Insul. Impact	+95/-100	SGP	
48" x 120"	Flange Impact Only	±100	SGP	
48" x 120"	Flange	±70	PVB	
48" x 54"	Flange	+85/-90	PVB	

Glass Thickness	7/16" or 1 1/32"
Glass Option	Insulated Impact, Impact Only
Muntin	Grids Between Glass (GBG) or Simulated Divided Light (SDL)
Grid Options	Colonial, Prairie, Perimeter
Frame Depth	3 1⁄4"
Frame Style	Flange
Colors	White, Bronze
Approvals/Certifications	HVHZ, NFRC, Florida Product Approval





# 6000 SERIES ALUMINUM SLIDING GLASS DOORS

### **BUDGET FRIENDLY & OPTION RICH!**

#### **FEATURES & BENEFITS:**

- Easily adaptable for retro-fit applications
- Added security: Keyed Apollo handle set option
- Corrosion resistant: Stainless steel option

#### **STANDARD ITEMS:**

- Mortise Lock with wood handle
- Tandem Rollers
- Secondary Mortise on doors over 80"
- Panel Screens

#### **EXTRA ITEMS:**

- Apollo Handle Set: Metal
- Keyed Apollo Handle Set
- Stainless Steel Option

#### ADDITIONAL INFORMATION:

• When ordering a screen, you MUST order an additional track. I.E. 2 panel with screen will be ordered as a 2D3T system. There is no screen in a 4 track system or on pocket doors.

SPECIFICATIONS:	
Glass Thickness	7/16" Impact
Maximum Size	16/0 x 8/0
Muntin	Flat
Grid Options	Colonial, Prairie, Perimeter
Product Rating	Bypass ±80 PSF
Product Rating	Pocket ±45 PSF
Frame Colors	White, Bronze
Approvals/Certifications	HVHZ (for bypass, not pocket), NFRC, Florida Product Approval



FRAME / TRACK SIZES:			
	Head	Jamb	Sill
2 Track	3 3⁄8"	3 5/16"	4 1/16"
3 Track	5"	4 1/8"	6 1/16"
4 Track	6 11/16"	6 1⁄2"	7 11/16"
Riser for Track Standard			2 1⁄4"
Riser for Track Add-on	1 1⁄8"		3 3⁄8"





# FD 8100 SERIES ALUMINUM SLIDING GLASS DOORS

### **STRENGTH & EASE-OF-USE IN ONE!**

#### **FEATURES & BENEFITS:**

- Added Security: 2-point locking system
- Enhanced water shedding: Weep holes in track
- **Smooth Operation:** Stainless steel duel tandem rollers with precision ground bearings

#### **STANDARD ITEMS:**

- Dual Mortise Lock w/anti-slam device
- Adjustable dual cams on lock
- Anodized Track Pan w/snap-on cover
- Snap-on jamb covers
- 4" sill on panel

#### EXTRA ITEMS:

- Secondary Lock (Standard on 84" or taller panels)
- 8" panel sill
- Colonial muntins
- Anodized track cap (only available with O panels)
- 1-piece screen adapter (only available with OXO systems)
- Available in 90 degree or 135 degree configurations
- Configurations: 1 panel to 8 panels with or without pockets

Glass Thickness	<sup>1</sup> ⁄ <sub>4</sub> " tempered, ½" impact, 1" insulated, 1 <sup>1</sup> ⁄ <sub>16</sub> " insulated impact (must specify standard or reverse system)
Maximum Size	32' × 10', 40' × 9'
Muntin	Flat
Grid Options	Colonial, Prairie, Perimeter
Product Rating	C110
Frame Colors	White, Bronze
Approvals/Certifications	HVHZ, NRFC, Florida Product Approval







FRAME / TRACK SIZES:			
	Head	Jamb	Sill
2D2T w/screen	6 3⁄8"	6 ¼"	7 1/16"
2D2T no screen	5 <sup>3</sup> /16"	5 1/16"	5 <sup>13</sup> /16"
2D2T retro	5 <sup>3</sup> /16"	5 1/16"	5 <sup>3</sup> /16"
3D3T w/screen	8 1⁄8"	8 5⁄8"	9 1⁄2"
3D3T no screen	7 11/16"	7 1⁄2"	8 3⁄8"
4D4T no screen	10 <sup>3</sup> / <sub>16</sub> "	9 15/16"	10 13/16"

RISERS FOR TRACK	
Standard	1 3⁄4"
Add-on 1"	2 3⁄4"
Add-on 2 <sup>3</sup> /16"	3 15/16"
Riser for Track Add-on 1 1/8"	3 3/8"

# 623 SERIES VINYL SLIDING GLASS DOORS

## THE TRIFECTA IN SLIDING GLASS DOORS: SECURE, STRONG, & EASY TO OPERATE

#### **FEATURES & BENEFITS:**

- Strong, energy efficient and maximum air tightness: Multi chambered frame with double weather-stripping
- Durable: Aluminum sill cover
- Added Security: 2-point locking system and optional keyed handle set

#### **STANDARD ITEMS:**

- Fusion Welded, Structurally reinforced sashes
- Dual Mortise Lock w/anti-slam device
- Stainless steel dual tandem rollers with precision ground bearings
- Adjustable dual cams on lock
- Weep holes in track
- Snap on covers to conceal fastener installation
- Anti-lift panel devices

#### EXTRA ITEMS:

- Easy rolling, no jump panel screen w/adjustable rollers
- Colonial or Prairie muntins between the glass
- Tinted or solar performance glass

SPECIFICATIONS.	
Glass Thickness	1" Insulated Impact Glass 1" Insulated Non-Impact Glass
Maximum Size	192" × 96"
Muntin	Grids Between Glass (GBG) or Simulated Divided Light (SDL)
Grid Options	Colonial, Prairie, Perimeter
Product Rating	SD-C50
Frame Colors	White, Desert Sand, or Bronze Exterior/White Interior
Large Missile Impact Level	Level D, Windzone 4
Configurations	OX or XO, OXO, OXXO
Approvals/Certifications	Earthwise, Good Housekeeping Seal, NFRC, Energy Star, Made in the USA Certified®, Florida State Product Approval



FRAME / TRACK SIZES:			
	Head	Jamb	Sill
2T w/screen	5 1⁄8"	5 1⁄8"	5 1⁄8"







# BERTHA 623 SERIES IMPACT VINYL SLIDING GLASS DOOR

## **STRENGTH & ENERGY EFFICIENCY IN ONE GREAT MODEL!**

#### **FEATURES & BENEFITS:**

- Strong, energy efficient and maximum air tightness: Multi chambered frame with double weather-stripping
- High end look: Snap on covers conceal fastener installation
- Added Security: 2-point locking system and optional keyed handle set

#### **STANDARD ITEMS:**

- Fusion welded, structurally reinforced sashes
- Rugged aluminum sill cover
- Dual mortise lock w/anti-slam device
- Stainless steel dual tandem rollers with precision ground bearings
- Adjustable dual cams on lock
- Weep holes in track
- Anti-lift panel devices

#### EXTRA ITEMS:

- Easy rolling, no jump panel screen w/adjustable rollers
- Colonial or Prairie muntins between the glass
- Tinted or solar performance glass
- Keyed handle set

Glass Thickness	1" Insulated Impact Glass 1" Insulated Non-Impact Glass
Maximum Size	192" × 96"
Design Pressure	±65
Muntin	Grids Between Glass (GBG) or Simulated Divided Light (SDL)
Grid Options	Colonial, Prairie, Perimeter
Frame Colors	White, Desert Sand, or Bronze Exterior/White Interior
Large Missile Impact Level	Level D, Windzone 4
Configurations	OX or XO, OXO, OXXO
Approvals/Certifications	HVHZ, Florida Product Approval, Earthwise, Good Housekeeping Seal, Energy Star, NFRC, Made in the USA Certified®



FRAME / TRACK SIZES:			
	Head	Jamb	Sill
2T w/Screen:	5 1⁄8"	5 1⁄8"	5 1⁄8"





# 5000 SERIES

# ELEGANCE, STRENGTH, INTEGRITY & ENERGY EFFICIENCY – ALL IN ONE PRETTY PACKAGE

#### **FEATURES & BENEFITS:**

- Added security: Multi-point lock features a double throw bolt design
- Quiet operation: Double veined felts
- Enhanced energy efficiency: Insulated glass option cuts down on electric consumption

#### **STANDARD ITEMS:**

- Heavy walled construction
- High-quality locking hardware by Interlock
- High mil rubber weather stripping used for a tighter seal
- ADA sill for low clearance

#### **OPTIONAL ITEMS:**

- Stainless Steel Components
- 1 1/2" Sill Riser (for higher design pressure)
- Insulated Impact Glass
- Impact Glass Only

Maximum Size	Double Doors: 75" x 97 1/16" overall frame Single Doors: 39" X 97 1/16" overall frame
Glass Thickness	%∈" Impact, 1" overall Impact Insulated
Design Pressure	3' x 8' w/ sill riser: ± 100 6' x 8' w/ sill riser: ± 75
Muntin	Flat or Grids on insulated units
Grid Options	Colonial, Prairie, Perimeter
Frame Depth	4 3/4"
Frame Colors	White, Bronze
Large Missile Impact Level	Level D, Windzone 4
Approvals/Certifications	HVHZ, NFRC, Florida Product Approvals







# 650 SERIES PATIO DOOR SYSTEM

### VINYL MULTI-TRACK POCKETING DOOR - PERFECT BALANCE OF FORM & FUNCTION

#### **FEATURES & BENEFITS:**

- **Smooth Operation:** Panels stack neatly to create an ultra-wide opening with clean sight lines
- Can be installed in traditional and pocket installations
- New construction and replacement
- Up to 8 panels wide
- Heavy aluminum interlocks with vinyl covers

#### **STANDARD ITEMS:**

- Stainless Steel Tandem rollers
- Dual Mortise Lock w/anti-slam device
- Adjustable dual cams on locks
- Anodized Track cover
- Sunshield a proprietary high-performance vinyl compound
- European handle design

#### **EXTRA ITEMS:**

- Colonial muntins
- Anodized track cap (only available with O panels)
- 1-piece screen adapter (only available with OXO systems)
- Configurations: 2,3,4 multi-track configuration with pocket capabilities
- European handle available in white or brushed nickel
- Single and double pocket configuration

Glass Thickness	1 ¼6" insulated impact 1″ insulated
Maximum Size	32' × 8'
Muntin	Flat, GBG & SDL available
Grid Options	Colonial, Prairie, Perimeter
Product Rating	DP +/-80
Frame Colors	White
Approvals/Certifications	HVHZ, NRFC, Florida Product Approval, ASTM





FRAME / TRACK SIZES:	
Track Width	Sill
2D2T no screen	5 1/2"
2D2T w/screen	7 1/8"
3D3T no screen	7 11/16"
3D3T w/screen	9 <sup>5</sup> / <sub>16</sub> "
4D4T no screen	9 15/16"
4D4T w/screen	11 9/16"

RISERS FOR TRACK	
60 DP	3 1⁄2"
80 DP	4"



# 7000 SERIES ALUMINUM SLIDING GLASS DOORS

### **STRENGTH & EASE-OF-USE IN ONE!**

#### **FEATURES & BENEFITS:**

- Added Security: 2-point locking system
- Enhanced water shedding: Weep holes in track
- Smooth Operation: Stainless steel housing with nylon roller
- Reversible interlocks

#### STANDARD ITEMS:

- Dual Mortise Lock w/anti-slam device
- Adjustable dual cams on lock
- Anodized Track Pan w/snap-on cover
- 3 ¾" sill on panel

#### **EXTRA ITEMS:**

- Secondary Lock
- Stainless Steel Roller
- Colonial muntins
- Anodized track cap (only available with O panels)
- Configurations: 1 panel to 8 panels with or without pockets

Glass Thickness	<sup>7</sup> /16" impact, 1" insulated impact (must specify standard or reverse system)
Maximum Size	32' x 8'
Muntin	Flat
Grid Options	Colonial, Prairie, Perimeter
Product Rating	60+/-60
Frame Colors	White, Bronze
Approvals/Certifications	HVHZ, NRFC, Florida Product Approval







FRAME / TRACK SIZES:			
	Head	Jamb	Sill
2D2T no screen	4 1/8"	3 15/16"	4 1/4"
2D2T w/screen	5 3⁄8"	5 1⁄4"	5 1⁄2"
3D3T no screen	6 1/8"	6″	6 1/4"
3D3T w/screen	7 7/16"	7 1/4"	7 <sup>9</sup> / <sub>16</sub> "
4D4T no screen	8 3/16"	8"	8 1/4"
4D4T w/screen	9 1/2"	9 <sup>5</sup> / <sub>16</sub> "	9 <sup>9</sup> / <sub>16</sub> "

RISERS FOR TRACK	
Standard	1 <sup>15</sup> / <sub>16</sub> "
Add-on 1"	3"
Add-on 2"	4"