



EAS ENERGY VALUE PRODUCT MATRIX

Use the following charts to find the U-Factors for EAS products. You'll find them listed by product, then by impact, insulated, non-insulated, and non-impact. Within each series, we also list our standard glass options: clear, LoE with Argon, insulated or LoE non-insulated, and grey.

If you don't see the configuration you need, please give us a call at 800-686-8902.

www.easternarchitectural.com

143 Single Hung Standard Insulated Glass Energy Values

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
Vinyl 1431/1441 SH	+/-50	clr / arg90 / clr (DS/DS) - 3/4" IG	0.47	0.59	0.63
		E366 / arg90 / clr (DS/DS) - 3/4" IG	0.31	0.22	0.5
		E366 / arg90 / Solargray (DS/DS) - 3/4" IG	0.31	0.21	0.34
		E340 / arg90 / clr (DS/DS) - 3/4" IG	0.3	0.13	0.3
		E452 / arg90 / clr (DS/DS) - 3/4" IG	0.29	0.17	0.41

143 Single Hung Standard Impact Insulated Glass Energy Values

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
Vinyl 2451/2461 SH	+/-50	clr / arg90 / lami (DS/DS 090PVB DS) - 3/4" IG	0.48	0.56	0.62
		E366 / arg90 / lami (DS/DS 090PVB DS) - 3/4" IG"	0.35	0.22	0.49
		E366 / arg90 / Solargray-lami (DS/DS 090PVB DS) - 3/4" IG	0.37	0.19	0.29
		E340 / arg90 / lami (DS/DS 090PVB DS) - 3/4" IG"	0.34	0.15	0.3
		E452 / arg90 / lami (DS/DS 090PVB DS) - 3/4" IG	0.33	0.18	0.4

143 Double Hung Standard Insulated Glass Energy Values

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
Vinyl 1531/1541 DH	+/-50	clr / arg90 / clr (DS/DS) - 3/4" IG	0.46	0.61	0.64
		E366 / arg90 / clr (DS/DS) - 3/4" IG	0.31	0.22	0.5
		E366 / arg90 / Solargray (DS/DS) - 3/4" IG	0.31	0.21	0.34
		E340 / arg90 / clr (DS/DS) - 3/4" IG	0.31	0.14	0.3
		E452 / arg90 / clr (DS/DS) - 3/4" IG	0.31	0.17	0.41

143 Double Hung Standard Impact Insulated Glass Energy Values

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
Vinyl 2551/2561 DH	+/-50	clr / arg90 / lami (DS/DS 090PVB DS) - 3/4" IG	0.47	0.57	0.63
		E366 / arg90 / lami (DS/DS 090PVB DS) - 3/4" IG"	0.34	0.22	0.49
		E366 / arg90 / Solargray-lami (DS/DS 090PVB DS) - 3/4" IG	0.34	0.21	0.33
		E340 / arg90 / lami (DS/DS 090PVB DS) - 3/4" IG"	0.35	0.15	0.3
		E452 / arg90 / lami (DS/DS 090PVB DS) - 3/4" IG	0.34	0.18	0.4

143 Casement Standard Insulated Glass Energy Values

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
Vinyl Casement	+/-50	clr / arg90 / clr (DS/DS) - 3/4" IG	0.42	0.55	0.59
		E366 / arg90 / clr (DS/DS) - 3/4" IG	0.27	0.2	0.47
		E366 / arg90 / Solargray (DS/DS) - 3/4" IG	0.27	0.2	0.31
		E340 / arg90 / clr (DS/DS) - 3/4" IG	0.28	0.14	0.28
		E452 / arg90 / clr (DS/DS) - 3/4" IG	0.27	0.17	0.38

143 Casement Standard Impact Insulated Glass Energy Values

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
Vinyl Casement	+/-50	clr / arg90 / lami (DS/DS 090PVB DS) - 3/4" IG	0.44	0.52	0.58
		E366 / arg90 / lami (DS/DS 090PVB DS) - 3/4" IG"	0.32	0.21	0.46
		E366 / arg90 / Solargray-lami (DS/DS 090PVB DS) - 3/4" IG	0.32	0.2	0.31
		E340 / arg90 / lami (DS/DS 090PVB DS) - 3/4" IG"	0.32	0.14	0.27
		E452 / arg90 / lami (DS/DS 090PVB DS) - 3/4" IG"	0.31	0.17	0.37

143 Awning Standard Impact Insulated Glass Energy Values

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
Vinyl Awning	+65/-70	clr / arg90 / lami (DS/DS 090PVB DS) - 3/4" IG	0.45	0.49	0.55
		E366 / arg90 / lami (DS/DS 090PVB DS) - 3/4" IG"	0.33	0.2	0.43
		E366 / arg90 / Solargray-lami (DS/DS 090PVB DS) - 3/4" IG	0.33	0.19	0.29
		E340 / arg90 / lami (DS/DS 090PVB DS) - 3/4" IG"	0.32	0.14	0.27
		E452 / arg90 / lami (DS/DS 090PVB DS) - 3/4" IG"	0.31	0.17	0.37

143 Picture Window Standard Insulated Glass Energy Values

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
Vinyl 1436/1446 PW	VARIES	clr / arg90 / clr (5mm/5mm) - 3/4" IG	0.47	0.61	0.66
		E366 / arg90 / clr (5mm/5mm) - 3/4" IG	0.33	0.24	0.52
		E366 / arg90 / Solargray (5mm/5mm) - 3/4" IG	0.34	0.2	0.26
		E340 / arg90 / clr (5mm/5mm) - 3/4" IG	0.33	0.16	0.31

143 Picture Window Standard Impact Insulated Glass Energy Values

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
Vinyl 2456/2466 PW	VARIES	clr / arg90 / lami (5mm/5mm 075PVB 5mm) - 1-1/4" IG	0.43	0.58	0.64
		E366 / arg90 / lami (5mm/5mm 075PVB 5mm) - 1-1/4" IG	0.29	0.23	0.5
		E366 / arg90 / Solargray-lami (5mm/5mm 075PVB 5mm) - 1-1/4" IG	0.29	0.22	0.28
		E340 / arg90 / lami (5mm/5mm 075PVB 5mm) - 1-1/4" IG	0.3	0.15	0.3

143 Horizontal Roller Standard Insulated Glass Energy Values

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
Vinyl 3241 HR	+/-50	clr / arg90 / clr (DS/DS) - 3/4" IG	0.45	0.59	0.63
		E366 / arg90 / clr (DS/DS) - 3/4" IG	0.3	0.22	0.5
		E366 / arg90 / Solargray (DS/DS) - 3/4" IG	0.3	0.21	0.33
		E340 / arg90 / clr (DS/DS) - 3/4" IG	0.31	0.14	0.3

143 Horizontal Roller Standard Impact Insulated Glass Energy Values

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
Vinyl 4241 HR	+/-50	clr / arg90 / lami (DS/DS 090PVB DS) - 3/4" IG	0.47	0.56	0.62
		E366 / arg90 / lami (DS/DS 090PVB DS) - 3/4" IG"	0.34	0.22	0.49
		E366 / arg90 / Solargray-lami (DS/DS 090PVB DS) - 3/4" IG	0.34	0.2	0.34
		E340 / arg90 / lami (DS/DS 090PVB DS) - 3/4" IG"	0.35	0.15	0.3

176 Single Hung Standard Insulated Glass Energy Values

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
Bertha 176 Single Hung	VARIES	clr / arg90 / clr (5mm/5mm) - 1" IG	0.44	0.56	0.62
		E366 / arg90 / clr (5mm/5mm) - 1" IG	0.3	0.21	0.49
		E366 / arg90 / gray (5mm/5mm) - 1" IG	0.3	0.2	0.28
		E340 / arg90 / clr (5mm/5mm) - 1" IG	0.3	0.14	0.29

176 Single Hung Standard Impact Insulated Glass Energy Values (SGP)

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
Bertha 176 Single Hung	VARIES	clr / arg90 / lami (5mm/DS 090SGP DS) - 1" IG	0.43	0.54	0.61
		E366 / arg90 / lami (5mm/DS 090SGP DS) - 1" IG	0.28	0.21	0.48
		E366 / arg90 / lami (5mm/gray-DS 090SGP DS) - 1" IG	0.28	0.21	0.32
		E340 / arg90 / lami (5mm/DS 090SGP DS) - 1" IG	0.28	0.14	0.29

176 Single Hung Standard Impact Insulated Glass Energy Values (PVB)

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
Bertha 176 Single Hung	VARIES	clr / arg90 / lami (DS/DS 090PVB DS) - 1" IG	0.43	0.55	0.61
		E366 / arg90 / lami (DS/DS 090PVB DS) - 1" IG	0.29	0.21	0.49
		E366 / arg90 / lami (DS/gray-DS 090PVB DS) - 1" IG	0.29	0.2	0.24
		E340 / arg90 / lami (DS/DS 090PVB DS) - 1" IG	0.29	0.14	0.29

176 Picture Window Standard Insulated Glass Energy Values

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
BERTHA 176 PICTURE WINDOW	VARIES	clr / arg90 / clr (5mm/5mm) - 1" IG	0.43	0.6	0.66
		E366 / arg90 / clr (5mm/5mm) - 1" IG	0.27	0.23	0.53
		E366 / arg90 / Solargray (5mm/5mm) - 1" IG	0.27	0.22	0.3
		E340 / arg90 / clr (5mm/5mm) - 1" IG	0.27	0.15	0.32

176 Picture Window Standard Impact Insulated Glass Energy Values (SGP)

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
BERTHA 176 PICTURE WINDOW	VARIES	clr / arg90 / lami (5mm/DS 090SGP DS) - 1" IG	0.42	0.58	0.65
		E366 / arg90 / lami (5mm/DS 090SGP DS) - 1" IG	0.26	0.23	0.52
		E366 / arg90 / lami (5mm/gray-DS 090SGP DS) - 1" IG	0.26	0.22	0.35
		E340 / arg90 / lami (5mm/DS 090SGP DS) - 1" IG	0.26	0.15	0.31

176 Picture Window Standard Impact Insulated Glass Energy Values (PVB)

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
BERTHA 176 PICTURE WINDOW	VARIES	clr / arg90 / lami (5mm/DS 090PVB DS) - 1" IG	0.42	0.6	0.66
		E366 / arg90 / lami (5mm/DS 090PVB DS) - 1" IG	0.27	0.23	0.52
		E366 / arg90 / lami (5mm/gray-DS 090PVB DS) - 1" IG	0.27	0.22	0.26
		E340 / arg90 / lami (5mm/DS 090PVB DS) - 1" IG	0.27	0.15	0.31

176 Horizontal Roller Standard Insulated Glass Energy Values

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
Bertha 176 HR/HRP	VARIES	clr / arg90 / clr (5mm/5mm) - 1" IG	0.45	0.56	0.62
		E366 / arg90 / clr (5mm/5mm) - 1" IG	0.3	0.21	0.49
		E366 / arg90 / gray (5mm/5mm) - 1" IG	0.3	0.2	0.28
		E340 / arg90 / clr (5mm/5mm) - 1" IG	0.3	0.14	0.29

176 Horizontal Roller Standard Impact Insulated Glass Energy Values (SGP)

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
Bertha 176 HR/HRP	VARIES	clr / arg90 / lami (5mm/DS 090SGP DS) - 1" IG	0.43	0.54	0.61
		E366 / arg90 / lami (5mm/DS 090SGP DS) - 1" IG	0.34	0.22	0.49
		E366 / arg90 / lami (5mm/gray-DS 090SGP DS) - 1" IG	0.28	0.21	0.32
		E340 / arg90 / lami (5mm/DS 090SGP DS) - 1" IG	0.29	0.14	0.29

176 Horizontal Roller Standard Impact Insulated Glass Energy Values (PVB)

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
Bertha 176 HR/HRP	VARIES	clr / arg90 / lami (DS/DS 090PVB DS) - 1" IG	0.43	0.54	0.61
		E366 / arg90 / lami (DS/DS 090PVB DS) - 1" IG	0.34	0.22	0.49
		E366 / arg90 / lami (DS/gray-DS 090PVB DS) - 1" IG	0.28	0.21	0.32
		E340 / arg90 / lami (DS/DS 090PVB DS) - 1" IG	0.29	0.14	0.29

FWI 1000 Horizontal Roller + HRP Standard 5/16" Impact Glass Energy Values

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
FWI 1000 HR + FWI 1000 HRP	Varies	(3MM CLR/090 PVB/3MM CLR) - 5/16" IG	1.08	0.62	0.68
		(3MM LE366/090 PVB/3MM CLR) - 5/16" IG	1.08	0.28	0.47
		(3MM LE366/090 PVB/3MM GRY) - 5/16" IG	1.08	0.24	0.32
		(3MM LE340/090 PVB/3MM CLR) - 5/16" IG	1.08	0.23	0.29

FWI 1000 Horizontal Roller + HRP Standard 7/16" Impact Glass Energy Values

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
FWI 1000 HR + FWI 1000 HRP	Varies	(5MM CLR/090 PVB/5MM CLR) - 7/16" IG	1.07	0.58	0.67
		(5MM LE366/090 PVB/5MM CLR) - 7/16" IG	1.07	0.29	0.47
		(5MM LE366/090 PVB/5MM GRY) - 7/16" IG	1.07	0.24	0.27
		(5MM LE340/090 PVB/5MM CLR) - 7/16" IG	1.07	0.24	0.29

FWI 1000 Horizontal Roller + HRP Standard 1/2" Impact Glass Energy Values

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
FWI 1000 HR + FWI 1000 HRP	Varies	(5MM CLR/100 PVB/5MM CLR) - 1/2" IG	1.1	0.58	0.66
		(5MM LE366/100 PVB/5MM CLR) - 1/2" IG	1.1	0.28	0.46
		(5MM LE366/100 PVB/5MM GRY) - 1/2" IG	1.1	0.24	0.27
		(5MM LE340/100 PVB/5MM CLR) - 1/2" IG	1.1	0.25	0.29

FWI 1000 Horizontal Roller + HRP Standard Impact Insulated Glass Energy Values

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
FWI 1000 HR + FWI 1000 HRP	Varies	CLR/ARG90/CLRLami (DS/DS 090PVB DS) 11/16"	0.77	0.58	0.62
		E366/ARG90/CLRLami (DS/DS 090PVB DS) 11/16"	0.66	0.23	0.49
		E366/ARG90/GrayLami (DS/DS 090PVB DS) 11/16"	0.66	0.22	0.33
		E340/ARG90/CLRLami (DS/DS 090PVB DS) 11/16"	0.66	0.16	0.29

2000 Series Picture Window Standard Impact Glass Energy Values

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
2000 Series PW	+/-90	Clear-Clear Laminate 1/2"	1	0.65	0.77
		E366-5 (2) / .050 DMJ1/.050 DMJ1 / Clear-5 - 1/2"	1	0.32	0.55
		E366-5 (2) / .050 DMJ1/.050 DMJ1 / Grey-5 - 1/2"	1	0.27	0.32
		E340-5 (2) / .050 DMJ1/.050 DMJ1 / Clear-5 - 1/2"	1	0.28	0.34

3000 Series Picture Window Standard Impact Glass Energy Values

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
3000 Series PW	VARIES	Clear/Clear Lami (5mm 090PVB 5mm) 7/16"	1.01	0.68	0.8
		E366/Clear Lami (5mm 090SGP 5mm) 7/16"	1.02	0.33	0.54
		E366/Gray Lami (5mm 090SGP 5mm) 7/16"	1.02	0.27	0.32
		E340/ClearLami (5mm 090PVB 5mm) 7/16"	1.02	0.27	0.34

3000 Series Picture Window Standard Impact Insulated Glass Energy Values

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
3000 Series PW	VARIES	Clear / ARG90 / Clear Lami (5mm/5mm 090PVB 5mm) 1 1/16"	0.58	0.64	0.72
		E366 / ARG90 / Clear Lami (5mm/5mm 090PVB 5mm) 1 1/16"	0.41	0.25	0.57
		E366 / ARG90 / Gray Lami (5mm/5mm 090PVB 5mm) 1 1/16"	0.41	0.24	0.32
		E340 / ARG90 / Clear Lami (5mm/5mm 090PVB 5mm) 1 1/16"	0.41	0.17	0.34

FWI 1000 Series Single Hung Standard Impact Glass Energy Values

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
FWI 1000 Series Single Hung	+/-60	LAMI090 (3MM/090 PVB/3MM) - 5/16" IG	1.08	0.63	0.7
		E366LAMI090 (3MM-090-3MM) - 5/16" IG	1.08	0.28	0.48
		E366LAMI090GY (3MM-090-3MM) - 5/16" IG	1.08	0.24	0.33
		E340LAMI090 (3MM-090-3MM) - 5/16" IG	1.08	0.24	0.29

FWI 1000 Series Single Hung Standard Impact Insulated Glass Energy Values

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
FWI 1000 Series Single Hung	+/-60	CLR/ARG90/CLRLami (DS/DS 090PVB DS) 11/16"	0.76	0.53	0.57
		E366/ARG90/CLRLami (DS/DS 090PVB DS) 11/16"	0.64	0.23	0.5
		E366/ARG90/GrayLami (DS/DS 090PVB DS) 11/16"	0.64	0.22	0.34
		E340/ARG90/CLRLami (DS/DS 090PVB DS) 11/16"	0.64	0.17	0.3

FWI 1000 Series Single Hung Standard Impact Glass Energy Values

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
FWI 1000 Series Single Hung	+80/-100	LAMI090 (5MM/090 PVB/5MM) - 7/16" IG	1.06	0.59	0.68
		E366LAMI090 (5MM-090-5MM) - 7/16" IG	1.06	0.29	0.48
		E366LAMI090GY (5MM-090-5MM) - 7/16" IG	1.06	0.24	0.27
		E340LAMI090 (5MM-090-5MM) - 7/16" IG	1.06	0.24	0.29

FWI 1000 Series Single Hung Standard Impact Glass Energy Values

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
FWI 1000 Series Single Hung	+120/-150	LAMI100 (5MM/100 PVB/5MM) - 1/2" IG	1.07	0.59	0.67
		E366/Clear Lami (5mm 090SGP 5mm) 7/16"	1.07	0.29	0.47
		E366/Gray Lami (5mm 090SGP 5mm) 7/16"	1.07	0.24	0.27
		E340/ClearLami (5mm 090PVB 5mm) 7/16"	1.07	0.25	0.29

FWI 1000 Series Single Hung Standard Impact Insulated Glass Energy Values

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
FWI 1000 Series Single Hung	+/-75	CLR / ARG90 / LAMI090 (3MM/3MM-090-3MM) - 3/4" IG	0.73	0.53	0.57
		E366 / ARG90 / LAMI090 (3MM/3MM-090-3MM) - 3/4" IG	0.6	0.23	0.5
		E366 / ARG90 / GYLAMI090CL (3MM/3MM-090-3MM) - 3/4" IG	0.6	0.22	0.34
		E340 / ARG90 / LAMI090 (3MM/3MM-090-3MM) - 3/4" IG	0.6	0.16	0.3

FWI 1000 Series Single Hung Standard Impact Insulated Glass Energy Values

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
FWI 1000 Series Single Hung	+80/-120	CLR / ARG90 / LAMI090 (3MM/5MM-090-5MM) - 7/8" IG	0.72	0.58	0.62
		E366 / ARG90 / LAMI090 (3MM/5MM-090-5MM) - 7/8" IG	0.6	0.23	0.49
		E366 / ARG90 / GYLAMI090CL (3MM/5MM-090-5MM) - 7/8" IG	0.6	0.22	0.28
		E340 / ARG90 / LAMI090 (3MM/5MM-090-5MM) - 7/8" IG	0.6	0.16	0.29

7000 Series Standard Impact Glass Energy Values

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
7000 Series SGD	+/-60	Clear/Clear Lami (5mm 090PVB 5mm) 7/16"	1.03	0.58	0.66
		E366/Clear Lami (5mm 090PVB 5mm) 7/16"	1.04	0.28	0.45
		E366/Gray Lami (5mm 090PVB 5mm) 7/16"	1.04	0.23	0.26
		E340/ClearLami (5mm 090PVB 5mm) 7/16"	1.04	0.23	0.28

7000 Series Standard Impact Insulated Glass Energy Values

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
7000 Series SGD	+/-60	Clear / ARG90 / Clear Lami (5mm/5mm 090PVB 5mm) 1"	0.71	0.54	0.6
		E366 / ARG90 / Clear Lami (5mm/5mm 090PVB 5mm) 1"	0.58	0.22	0.47
		E366 / ARG90 / Gray Lami (5mm/5mm 090PVB 5mm) 1"	0.58	0.21	0.26
		E340 / ARG90 / Clear Lami (5mm/5mm 090PVB 5mm) 1"	0.58	0.15	0.28

5000 Series Standard Impact Glass Energy Values

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
5000 Series French Door	Varies	Clear/Clear Lami (5mm 090SGP 5mm) 7/16"	1.05	0.5	0.54
		E366/Clear Lami (5mm 090SGP 5mm) 7/16"	1.05	0.26	0.38
		E366/Gray Lami (5mm 090SGP 5mm) 7/16"	1.05	0.22	0.21
		E340/ClearLami (5mm 090SGP 5mm) 7/16"	1.06	0.22	0.23

5000 Series Standard Impact Insulated Glass Energy Values

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
5000 Series French Door	Varies	Clear / ARG90 / Clear Lami (5mm/5mm 090SGP 5mm) 1"	0.76	0.48	0.49
		E366 / ARG90 / Clear Lami (5mm/5mm 090SGP 5mm) 1"	0.65	0.212	0.39
		E366 / ARG90 / Gray Lami (5mm/5mm 090SGP 5mm) 1"	0.65	0.2	0.22
		E340 / ARG90 / Clear Lami (5mm/5mm 090SGP 5mm) 1"	0.65	0.15	0.23

8100 Series Standard 1/4" Glass Energy Values

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
8100 Series SGD	Varies	CLR (6MM) - 1/4" SG	1.1	0.57	0.6
		BRZ (6MM) - 1/4" SG	1.1	0.45	0.36
		GRY (6MM) - 1/4" SG	1.1	0.42	0.3
		GRN (6MM) - 1/4" SG	1.1	0.44	0.52

8100 Series Standard Impact Glass Energy Values

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
8100 Series SGD	Varies	CL-LAMI100-CL (5MM-100 PVB-5MM) - 1/2" IG	1.04	0.53	0.61
		E366-5 (2) / .050 DMJ1/.050 DMJ1 / Clear-5	1.03	0.26	0.41
		E366-5 (2) / .050 DMJ1/.050 DMJ1 / Grey-5	1.03	0.22	0.24
		E340-5 (2) / .050 DMJ1/.050 DMJ1 / Clear-5	1.03	0.23	0.26

8100 Series Standard Insulated Glass Energy Values

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
8100 Series SGD	Varies	CLR / ARG90 / CLR (6MM/6MM) - 1" IG	0.73	0.52	0.56
		E366 / ARG90 / CLR (6MM/6MM) - 1" IG	0.59	0.21	0.44
		E366 / ARG90 / GRY (6MM/6MM) - 1" IG	0.59	0.21	0.22
		E340 / ARG90 / CLR (6MM/6MM) - 1" IG	0.59	0.15	0.27

8100 Series Standard Impact Insulated Glass Energy Values

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
8100 Series SGD	Varies	CLR / ARG90 / CL-LAMI100-CL (5MM/5MM-100 PVB-5MM) - 1" IG	0.73	0.5	0.55
		E366 / ARG90 / CL-LAMI100-CL (5MM/5MM-100 PVB-5MM) - 1" IG	0.6	0.22	0.43
		E366 / ARG90 / GY-LAMI100-CL (5MM/5MM-100 PVB-5MM) - 1" IG	0.6	0.21	0.25
		E340 / ARG90 / CL-LAMI100-CL (5MM/5MM-100 PVB-5MM) - 1" IG	0.61	0.15	0.26

623 Series SGD Standard Insulated Glass Energy Values

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
623 Series SGD	+/-50	CLR / ARG90 / CLR (5MM/5MM) - 1" IG	0.44	0.51	0.56
		E366 / ARG90 / CLR (5MM/5MM) - 1" IG	0.3	0.2	0.45
		E366 / ARG90 / GRY (5MM/5MM) - 1" IG	0.3	0.19	0.25
		E340 / ARG90 / CLR (5MM/5MM) - 1" IG	0.31	0.13	0.27

623 Series SGD Standard Insulated Impact Glass Energy Values

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
623 Series SGD	+/-50	CLR / ARG90 / CLR-LAMI090-CLR (5MM/5MM 090 PVB 5MM) - 1" IG	0.44	0.48	0.55
		E366 / ARG90 / CLR-LAMI090-CLR (5MM/5MM 090 PVB 5MM) - 1" IG	0.31	0.2	0.43
		E366 / ARG90 / GRY-LAMI090-CLR (5MM/5MM 090 PVB 5MM) - 1" IG	0.31	0.19	0.24
		E340 / ARG90 / CLR-LAMI090-CLR (5MM/5MM 090 PVB 5MM) - 1" IG	0.31	0.13	0.26

650 Series SGD Standard Insulated Glass Energy Values

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
650 Series SGD	Varies	CLR / ARG90 / CLR (5MM/5MM) - 1" IG	0.48	0.5	0.54
		E366 / ARG90 / CLR (5MM/5MM) - 1" IG	0.35	0.19	0.43
		E366 / ARG90 / GRY (5MM/5MM) - 1" IG	0.35	0.18	0.24
		E340 / ARG90 / CLR (5MM/5MM) - 1" IG	0.35	0.13	0.26

650 Series SGD Standard Insulated Impact Glass Energy Values

Product	Design Pressure	Glass Pack	U-Factor	SHGC	VLT
650 Series SGD	Varies	CLR / ARG90 / CLR-LAMI090-CLR (5MM/5MM 090 PVB 5MM) - 1" IG	0.48	0.47	0.52
		E366 / ARG90 / CLR-LAMI090-CLR (5MM/5MM 090 PVB 5MM) - 1" IG	0.35	0.19	0.41
		E366 / ARG90 / GRY-LAMI090-CLR (5MM/5MM 090 PVB 5MM) - 1" IG	0.35	0.18	0.23
		E340 / ARG90 / CLR-LAMI090-CLR (5MM/5MM 090 PVB 5MM) - 1" IG	0.35	0.13	0.25