

Product Selection Guide PGT® Architectural Systems

Product Selection Guide PGT® Architectural Systems										Config Options				Glazing Options							Muntins			Finishes Available					Test Performance										
Product Series #	Test Type	Configuration	Frame Depth	Equal Leg Frame	Flange Frame	Minimum Size	Maximum Size	Screen	Radius Top	Preview (Oriel)	Mullions	Glazing Orientation	Monolithic							Insulating Glass	Muntins			Finishes Available					Test Performance										
													3/16"	1/4"	3/8"	3/8" PVB	3/8" SGP	7/16" PVB	7/16" SGP		9/16" PVB	9/16" SGP	Double Flat Flat exterior / flat interior	Double Applied Raised exterior / flat interior	Double Raised Raised exterior / raised interior	Paint: White/Bronze	Paint: AS Color Set	Paint: Custom	Paint: AAMA 2603, 2604, 2605	Clear Anodize	Forced Entry Resistance AAMA 1302.5	Forced Entry Resistance ASTM F 842-97	Forced Entry Resistance ASTM F 588-97	Florida Product Approval #	Air Infiltration ASTM E283 cfm/SqFt@psf	Water Resistance ASTM E547/E331 (psf)	Miami Dade NOA #	Design Pressure	
Single Hung	SH800	Large/Small Missile ³	O/X	2¾"		• Flange: 19⅞" x 26"	Flange: 53⅞" x 76"	○	○	○	○	Exterior																Pass					0.08 @ 1.57	13.5	07-0801.03	+90/-110			
	SH800	Small Missile	O/X	2¾"		• Flange: 19⅞" x 26"	Flange: 53⅞" x 76"	○	○	○	○	Exterior			AT ⁵													Pass		FL-239	0.17 @ 1.57	13.5	07-0306.11	+90/-150					
	SH800	Non-Impact	O/X	2¾"		• Flange: 19⅞" x 26"	Flange: 53⅞" x 76"	○	○	○	○	Exterior	T	T													Pass	FL-9644.1	0.08 @ 1.57	12			+80/-110 ⁷						
	SH3000	Large/Small Missile ³	O/X	3¼"	•	• Equal Leg: 17⅞" x 24½" Flange: 19⅞" x 26"	Equal Leg: 56" x 91" Flange: 57½" x 92½"	○	○	○	○	Exterior						HH		up to 1⅜"								Pass	FL-239	0.02 @ 1.57	16.5	07-0905.02	+110/-120						
	SH3000	Small Missile	O/X	3¼"	•	• Equal Leg: 17⅞" x 24½" Flange: 19⅞" x 26"	Equal Leg: 56" x 91" Flange: 57½" x 92½"	○	○	○	○	Exterior					TT		up to 1⅜"									Pass	FL-239	0.02 @ 1.57	16.5	07-0905.03	+110/-165						
Horizontal Roller	HR810	Large/Small Missile ³	OX, XO	2¾"		• Flange: 21" x 22½"	Flange: 74" x 63"	○			○	Exterior																					0.29 @ 1.57	13.5	08-0408.03	+90/-110			
	HR810	Small Missile	OX, XO	2¾"		• Flange: 21" x 22½"	Flange: 74" x 63"	○			○	Exterior																						0.29 @ 1.57	13.5	07-0829.08	+90/-150		
	HR810	Non-Impact	OX, XO	2¾"		• Flange: 21" x 22½"	Flange: 74" x 63"	○			○	Exterior	T	T																				0.21 @ 1.57	13.5	07-0829.09	+90/-150 ⁷		
Picture Window	PW820	Large/Small Missile ³	O	2¾"	•	• Equal Leg: 15" x 15" Flange: 16" x 16"	Equal Leg: 48" x 96" Flange: 97" x 49"				○	Interior																							0.05 @ 6.24	13.5	08-0429.08	+90/-110	
	PW820	Small Missile	O	2¾"	•	• Equal Leg: 15" x 15" Flange: 16" x 16"	Equal Leg: 48" x 96" Flange: 97" x 49"				○	Interior																							0.06 @ 6.24 0.05 @ 6.24	13.5	08-0429.09	+90/-140	
	PW820	Non-Impact	O	2¾"	•	• Equal Leg: 15" x 15" Flange: 16" x 16"	Equal Leg: 48" x 96" Flange: 97" x 49"				○	Interior	T	T	T																				0.05 @ 6.24	16.5	08-0429.10	+110/-140 ⁷	
	PW3020	Large/Small Missile ³	O	3¼"	•	• Equal Leg: 15" x 18" Flange: 16½" x 19½"	Equal Leg: 48" x 120" or 74" x 78" Flange: 49½" x 121½" or 75½" x 79½"				○	Interior																							<0.01 @ 1.57 <0.01 @ 6.24	19.5	09-0901.08	+130/-130	
	PW3020	Small Missile	O	3¼"	•	• Equal Leg: 15" x 18" Flange: 16½" x 19½"	Equal Leg: 48" x 120" or 74" x 78" Flange: 49½" x 121½" or 75½" x 79½"				○	Interior																							<0.01 @ 1.57 <0.01 @ 6.24	24.75	08-0123.04	+165/-165	
Sliding Glass Door	SGD770HP	Large/Small Missile ³	XX, OX, XO, OXO, OXXO	5⅞" ⁶	•	XX, OX or XO: 43" x 30" OXO: 65¼" x 30" OXXO: 85⅞" x 30"	XX or OX or XO: 96" x 108" OXO: 145⅞" x 108" OXXO: 191⅞" x 108"	○ ²			○	Exterior																							0.16 @ 1.57 0.25 @ 6.20	13.5 ⁴	09-0826.12	+90/-110	
	SGD770HP	Small Missile	XX, OX, XO, OXO, OXXO	5⅞" ⁶	•	XX, OX or XO: 43" x 30" OXO: 65¼" x 30" OXXO: 85⅞" x 30"	OX or XO: 96" x 108" OXO: 145⅞" x 108" OXXO: 191⅞" x 108"	○ ²			○	Exterior					TT	TT		up to 1"															0.16 @ 1.57 0.25 @ 6.20	13.5 ⁴	09-0826.11	+90/-110	
	SGD670HP	Non-Impact	XX, OX, XO, OXO, OXXO	5⅞" ⁶	•	XX, OX or XO: 43" x 30" OXO: 65¼" x 30" OXXO: 85⅞" x 30"	OX or XO: 96" x 108" OXO: 145⅞" x 108" OXXO: 191⅞" x 108"	○ ²			○	Exterior	T	T						up to 1"															0.20 @ 1.57 0.28 @ 6.20	13.5 ⁴	09-0826.14	+90/-110 ⁷	
	SGD3030	Large/Small Missile ³	OX, XO, OXO, OXXO	5⅞" ⁶	•	OX or XO: 40" x 24" OXO: 60" x 24" OXXO: 80" x 24"	OX or XO: 96" x 120" or 120" x 108" OXO: 145⅞" x 120" OXXO: 190⅞" x 120"	○ ²			○	Exterior																								0.08 @ 1.57	18	07-0831.09	+120/-120
	SGD3030	Small Missile	OX, XO, OXO, OXXO	5⅞" ⁶	•	OX or XO: 40" x 24" OXO: 60" x 24" OXXO: 80" x 24"	OX or XO: 96" x 120" or 120" x 108" OXO: 145⅞" x 120" OXXO: 190⅞" x 120"	○ ²			○	Exterior																								0.08 @ 1.57	24.75	07-0905.04	+165/-165

Legend:

- Standard
- Optional
- 1 6¾" with optional screen track
- 2 Requires track
- 3 Large Missile qualifies Small Missile
- 4 With Sill Riser
- 5 Alternative interlayers available
- 6 6⅝" with optional screen track
- 7 Comparative Analysis allows higher pressures on smaller units
- AA Annealed/Annealed
- AH Annealed/Heat Strengthened
- HH Heat Strengthened/Heat Strengthened
- T Tempered
- TT Tempered/Tempered

*See website for most current details: www.pgtindustries.com

*Project specific testing for other configurations available based on qualified amount ordered

*All products extruded from a minimum of 6063 T6 aluminum alloy

*Smaller sizes may achieve higher design pressure

