

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	Proview (Oriel)	Mullions	Glazing Orientation	Monolithic			Laminated			Insulating Glass	Double Flat Flat exterior / flat interior	Double Applied Raised exterior / flat interior	Double Raised Raised exterior / raised interior	Paint: White/Bronze/Gray	Paint: AS Color Set	Paint: Custom	Paint: AAMA 2603, 2604, 2605	Anodizing	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
													3/16"	1/4"	3/8"	3/8" PVB	3/8" SGP	7/16" PVB																	
Single Hung	SH800	Large/Small Missile ³	O/X	2 3/4"	•	Flange: 19 1/8" x 26"	Flange: 53 1/8" x 76"	○	○	○	○	Exterior							HH		•	•	○	○	○	○	○	Pass		0.08 @ 1.57	13.5	07-0801.03	+90/-110		
	SH800	Small Missile	O/X	2 3/4"	•	Flange: 19 1/8" x 26"	Flange: 53 1/8" x 76"	○	○	○	○	Exterior				AT ⁵					•	•	○	○	○	○	○	Pass	FL-239	0.17 @ 1.57	13.5	07-0306.11	+90/-150		
	SH800	Non-Impact	O/X	2 3/4"	•	Flange: 19 1/8" x 26"	Flange: 53 1/8" x 76"	○	○	○	○	Exterior	T	T							•	•	○	○	○	○	○	Pass	FL-9644.1	0.08 @ 1.57	12		+80/-110		
	SH3000	Large/Small Missile ³	O/X	3 3/4"	•	Equal Leg: 17 7/8" x 24 1/2" Flange: 19 1/8" x 26"	Equal Leg: 56" x 91" Flange: 57 1/2" x 92 1/2"	○		○	○	Exterior							HH		up to 1 3/16"	○	•	•	○	○	○	○	Pass	FL-239	0.02 @ 1.57	16.5	07-0905.02	+110/-120	
	SH3000	Small Missile	O/X	3 3/4"	•	Equal Leg: 17 7/8" x 24 1/2" Flange: 19 1/8" x 26"	Equal Leg: 56" x 91" Flange: 57 1/2" x 92 1/2"	○		○	○	Exterior							TT		up to 1 3/16"	○	•	•	○	○	○	○	Pass	FL-239	0.02 @ 1.57	16.5	07-0905.03	+110/-165	
Horizontal Roller	HR810	Large/Small Missile ³	OX, XO	2 3/4"	•	Flange: 21" x 22 1/8"	Flange: 74" x 63"	○			○	Exterior							HH		•	•	○	○	○	○	○	Pass	FL-242	0.29 @ 1.57	13.5	08-0408.03	+90/-110		
	HR810	Small Missile	OX, XO	2 3/4"	•	Flange: 21" x 22 1/8"	Flange: 74" x 63"	○			○	Exterior							AA ⁵ or HH ⁵		•	•	○	○	○	○	○	Pass	FL-242	0.29 @ 1.57	13.5	07-0829.08	+90/-150		
	HR810	Non-Impact	OX, XO	2 3/4"	•	Flange: 21" x 22 1/8"	Flange: 74" x 63"	○			○	Exterior	T	T							•	•	○	○	○	○	○	Pass	FL-242	0.21 @ 1.57	13.5	07-0829.09	+90/-150		
Picture Window	PW820	Large/Small Missile ³	0	2 3/4"	•	Equal Leg: 15" x 15" Flange: 16" x 16"	Equal Leg: 48" x 96" Flange: 97" x 49"				○	Interior							HH ⁵		HH	•	•	○	○	○	○	○		FL-243	0.05 @ 6.24	13.5	08-0429.08	+90/-110	
	PW820	Small Missile	0	2 3/4"	•	Equal Leg: 15" x 15" Flange: 16" x 16"	Equal Leg: 48" x 96" Flange: 97" x 49"				○	Interior							TT ⁵			•	•	○	○	○	○	○		FL-243	0.06 @ 6.24 0.05 @ 6.24	13.5	08-0429.09	+90/-140	
	PW820	Non-Impact	0	2 3/4"	•	Equal Leg: 15" x 15" Flange: 16" x 16"	Equal Leg: 48" x 96" Flange: 97" x 49"				○	Interior	T	T	T							•	•	○	○	○	○	○		FL-243	0.05 @ 6.24	16.5	08-0429.10	+110/-140	
	PW3020	Large/Small Missile ³	0	3 3/4"	•	Equal Leg: 15" x 18" Flange: 16 1/2" x 19 1/2"	Equal Leg: 48" x 120" or 74" x 78" Flange: 49 1/2" x 121 1/2" or 75 1/2" x 79 1/2"				○	Interior								HH	up to 1"	○	•	•	○	○	○	○	Pass	FL-243	<0.01 @ 1.57 <0.01 @ 6.24	19.5	07-0613.02	+130/-130	
	PW3020	Small Missile	0	3 3/4"	•	Equal Leg: 15" x 18" Flange: 16 1/2" x 19 1/2"	Equal Leg: 48" x 120" or 74" x 78" Flange: 49 1/2" x 121 1/2" or 75 1/2" x 79 1/2"				○	Interior							TT	up to 1"	○	•	•	○	○	○	○	Pass	FL-243	<0.01 @ 1.57 <0.01 @ 6.24	24.75	08-0123.04	+165/-165		
Sliding Glass Door	SGD830	Large/Small Missile ³	OX, XO, OXO, OXXO	4 5/16" ⁶	•	OX or XO: 30" x 24" OXO: 45" x 24" OXXO: 60" x 24"	OX or XO: 96" x 108" OXO: 145 1/8" x 108" OXXO: 191 3/4" x 108"	○ ²			○	Exterior							HH	HH	HH	•	•	○	○	○	○	Pass	FL-251	0.20 @ 6.24	13.5 ⁴	07-1212.03	+90/-110		
	SGD830	Small Missile	OX, XO, OXO, OXXO	4 5/16" ⁶	•	OX or XO: 30" x 24" OXO: 45" x 24" OXXO: 60" x 24"	OX or XO: 96" x 108" OXO: 145 1/8" x 108" OXXO: 191 3/4" x 108"	○ ²			○	Exterior							TT			•	•	○	○	○	○	Pass	FL-251	0.20 @ 6.24	13.5 ⁴	07-0511.04	+90/-140		
	SGD830	Non-Impact	OX, XO, OXO, OXXO	4 5/16" ⁶	•	OX or XO: 30" x 24" OXO: 45" x 24" OXXO: 60" x 24"	OX or XO: 96" x 108" OXO: 145 1/8" x 108" OXXO: 191 3/4" x 108"	○ ²			○	Exterior	T	T	T							•	•	○	○	○	○	Pass	FL-251	0.19 @ 6.24	13.5 ⁴	07-1212.04	+90/-140		
	SGD3030	Large/Small Missile ³	OX, XO, OXO, OXXO	5 7/16" 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: 145 1/8" x 120" OXXO: 190 7/16" x 120"	○ ²			○	Exterior								HH	up to 1 3/16"	•	•	○	○	○	○	Pass	FL-251	.03 @ 1.57 (OXXO) .02 @ 1.57 (XO)	18	07-0831.09	+120/-120		
	SGD3030	Small Missile	OX, XO, OXO, OXXO	5 7/16" 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: 145 1/8" x 120" OXXO: 190 7/16" x 120"	○ ²			○	Exterior								HH	up to 1 3/16"	•	•	○	○	○	○	Pass	FL-251	.05 @ 1.57 (OXXO) .06 @ 1.57 (OX)	24.75	07-0905.04	+165/-165		

Legend:

- Standard
- Optional
- 1 6 3/4" with optional screen track
- 2 Requires track
- 3 Large Missile qualifies Small Missile
- 4 With Sill Riser
- 5 Alternative interlayers available
- 6 5 5/8" with optional screen track
- 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



Product Selection Guide PGT® Architectural Systems						Glazing Options			Hardware						Muntins		Finishes Available				Test Performance						
Product Series #	Test Type	Transoms and Sidelites	Frame Depth	Optional Frame Depth	Maximum Size	Glazing Orientation	9/16" PVB	9/16" SGP	9/16" VS	Rails & Stiles	Locking system	Stainless Steel butt hinges w/stainless steel hinge pins	ADA Compliant Panic Hardware	Oversized Thumbturn	Closer	Double Flat Flat exterior / flat interior	Double Raised Raised exterior / raised interior	Kynar: White/Bronze	Anodizing: Clear	Paint: Custom	Paint: AAMA 2603, 2604, 2605	Forced Entry Resistance AAMA 1304	Air Infiltration ASTM E283 cfm/SqFt@psf	Water Resistance ASTM E547/E331 (psf)	Drop Load Test FBC 2004, Section 2406 (ft. lbs.)	Miami Dade NOA #	Design Pressure
TER3050	Large Missile	○	1¾" x 5"	1" x 5" (Used only without Sidelites)	Single Door: 42" x 108"	Exterior			HH	2" deep x 3¾" wide stiles; 4⅞" top rail & 8" bottom rail	4-point lock (Stainless Steel)	•			Exposed or Concealed Available	○	○	•	•	○	•	•	0.27 @ 6.24	18		08-0620.01	+100 /-100
TER3050	Small Missile	○	1¾" x 5"	1" x 5" (Used only without Sidelites)	Single Door: 42" x 108"	Exterior	HH			2" deep x 3¾" wide stiles; 4⅞" top rail & 8" bottom rail	4-point lock (Stainless Steel)	•			Exposed or Concealed Available	○	○	•	•	○	•	•	0.29 @ 6.24	18		08-0620.02	+120/-120
Storefront Window and Door Products																											
ST3550	Large/Small Missile	○	1¾" x 5"	1" x 5" (Used only without Sidelites)	Single Door: 42" x 108" Double Door: 84" x 108"	Exterior			HH	2" deep x 3¾" wide stiles; 4⅞" top rail & 8" bottom rail	3-point lock	•	○	•	Exposed or Concealed Available	○	○	•	•	○	•	•	0.28 @ 6.24			08-0620.06	+100 /-100
ST3550	Large/Small Missile	○	1¾" x 5"	1" x 5" (Used only without Sidelites)	Single Door: 42" x 108" Double Door: 84" x 108"	Exterior			HH	2" deep x 3¾" wide stiles; 4⅞" top rail & 8" bottom rail	3-point lock	•		•	Exposed or Concealed Available	○	○	•	•	○	•	•	0.28 @ 6.24			08-0620.03	+100 /-100
WS3500	Large/Small Missile		1¾" x 5"		Panel Size: 48" x 120"	Interior			HH HH						○	○	•	•	○	•		0.17 @ 6.24	19.5	400	08-0620.04	+130/-130	
WS3500	Small Missile		1¾" x 5"		Panel Size: 48" x 120"	Interior	TT								○	○	•	•	○	•		0.17 @ 6.24	19.5	400	08-0620.05	+130/-130	

Legend:

- Standard
- Optional
- HH Heat Strengthened/ Heat Strengthened
- TT Tempered/ Tempered

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



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