Product Selection Guide PGT® Architectural Systems

	Product Series #	Configuration	Frame Depth	Equal Leg Frame	Flange Frame	Minimum Size	Maximum Size	Config Options: Screen	Config Options: Radius Top	Config Options: Proview (Oriel)	Config Options: Mullions	Glazing Options: Glazing Orientation	Glazing Options: Monolithic 3/16"	Glazing Options: Monolithic 1/4"	Glazing Options: Monolithic 3/8"	Glazing Options: Laminated 3/8" PVB	Glazing Options: Laminated 3/8" SGP	Glazing Options: Laminated 7/16" PVB	Glazing Options: Laminated 7/16" SGP	Glazing Options: Laminated 9/16" PVB	Glazing Options: Laminated 9/16" SGP	Glazing Options: Insulating Glass	Muntins: Double Flat Flat exterior / flat interior	Muntins: Double Applied Raised exterior / flat interior	Muntins: Double Raised Raised exterior / raised interior	Finishes Available: Paint: White/Bronze/Gray	Finishes Available: Paint: AS Color Set	Finishes Available: Paint: Custom	Finishes Available: Paint: AAMA 2603	Finishes Available: Paint: AAMA 2604 & AAMA 2605	Finishes Available: Anodizing	Test Performance: Forced Entry Resistance AAMA 1302.5	Test Performance: Forced Entry Resistance ASTM F 842-97	Test Performance: Forced Entry Resistance ASTM F 588-97	Test Performance: Florida Building Code #	Test Performance: Air Infiltration ASTM E283 cfm/SqFt@psf	Test Performance: Water Resistance ASTM E547/E331 (psf)	Test Performance: Miami Dade NOA #	Test Performance: Design Pressure	Test Type
Single Hung	SH800	O/X	2¾"		•	Flange: 19⅛" x 26"	Flange: 53⅛" x 76"	○	○	○	○	Exterior							HH					•		•	○	○	○	○	○	Pass				0.08 @ 1.57	13.5	07-0801.03	+90/-110	Large/Small Missile[3]
	SH800	O/X	2¾"		•	Flange: 19⅛" x 26"	Flange: 53⅛" x 76"	○	○	○	○	Exterior				AT[5]								•		•	○	○	○	○	○	Pass			FL-239	0.17 @ 1.57	13.5	07-0306.11	+90/-150	Small Missile
	SH800	O/X	2¾"		•	Flange: 19⅛" x 26"	Flange: 53⅛" x 76"	○	○	○	○	Exterior	T	T										•		•	○	○	○	○	○			Pass	FL-9644.1	0.08 @ 1.57	12		+80/-110	Non-Impact
	SH3000	O/X	3¼"	•	•	Equal Leg: 17⅝" x 24½" Flange: 19⅛" x 26"	Equal Leg: 56" x 91" Flange: 57½" x 92½"	○		○	○	Exterior							HH			up to 13/16"	○	•		•	○	○	○	○	○			Pass		0.02 @ 1.57	16.5	07-0905.02	+110/-120	Large/Small Missile[3]
	SH3000	O/X	3¼"	•	•	Equal Leg: 17⅝" x 24½" Flange: 19⅛" x 26"	Equal Leg: 56" x 91" Flange: 57½" x 92½"	○		○	○	Exterior						TT				up to 13/16"	○	•		•	○	○	○	○	○			Pass		0.02 @ 1.57	16.5	07-0905.03	+110/-165	Small Missile
Horizontal Roller	HR810	OX, XO	2¾"		•	Flange: 21" x 22⅛"	Flange: 74" x 63"	○			○	Exterior							HH					•		•	○	○	○	○	○	Pass			FL-242	0.29 @ 1.57	13.5	06-0717.03	+90/-110	Large/Small Missile[3]
	HR810	OX, XO	2¾"		•	Flange: 21" x 22⅛"	Flange: 74" x 63"	○			○	Exterior						AA[5] or HH[5]						•		•	○	○	○	○	○	Pass			FL-242	0.29 @ 1.57	13.5	06-0717.04	+90/-150	Small Missile
	HR810	OX, XO	2¾"		•	Flange: 21" x 22⅛"	Flange: 74" x 63"	○			○	Exterior	T	T										•		•	○	○	○	○	○	Pass			FL-242	0.21 @ 1.57	13.5	06-0717.05	+90/-150	Non-Impact
Picture Window	PW820	O	2¾"	•	•	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	07-0424.06	+90/-110	Large/Small Missile[3]
	PW820	O	2¾"	•	•	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	07-0424.07	+90/-140	Small Missile
	PW820	O	2¾"	•	•	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	07-0424.08	+110/-140	Non-Impact
	PW3020	O	3¼"	•	•	Equal Leg: 15" x 18" Flange: 16½" x 19½"	Equal Leg: 48" x120" or 74" x 78" Flange: 49½" x121½" or 75½" x 79½"				○	Interior								HH	up to 1"	○	•	○	•	○	○	○	○	○		Pass			<0.01 @ 1.57 <0.01 @ 6.24	19.5	07-0613.02	+130/-130	Large/Small Missile[3]
	PW3020	O	3¼"	•	•	Equal Leg: 15" x 18" Flange: 16½" x 19½"	Equal Leg: 48" x120" or 74" x 78" Flange: 49½" x121½" or 75½" x 79½"				○	Interior							TT		up to 1"	○	•	○	•	○	○	○	○	○		Pass			<0.01 @ 1.57 <0.01 @ 6.24	24.75	08-0123.04	+165/-165	Small Missile
Sliding Glass Door	SGD830	OX, XO, OXO, OXXO	4⅝16"[6]	•		OX or XO: 30" x 24" OXO: 45" x 24" OXXO: 60" x 24"	OX or XO: 96" x 108" OXO: 145⅛" x 108" OXXO: 191¾" x 108"	○[2]			○	Exterior							HH		HH	HH			•		•	○	○	○	○	○	Pass			FL-251	0.20 @ 6.24	13.5[4]	06-0807.06	+90/-110	Large/Small Missile[3]
	SGD830	OX, XO, OXO, OXXO	4⅝16"[6]	•		OX or XO: 30" x 24" OXO: 45" x 24" OXXO: 60" x 24"	OX or XO: 96" x 108" OXO: 145⅛" x 108" OXXO: 191¾" x 108"	○[2]			○	Exterior						TT						•		•	○	○	○	○	○	Pass			FL-251	0.20 @ 6.24	13.5[4]	06-0807.05	+90/-140	Small Missile
	SGD830	OX, XO, OXO, OXXO	4⅝16"[6]	•		OX or XO: 30" x 24" OXO: 45" x 24" OXXO: 60" x 24"	OX or XO: 96" x 108" OXO: 145⅛" x 108" OXXO: 191¾" x 108"	○[2]			○	Exterior	T	T	T									•		•	○	○	○	○	○	Pass			FL-251	0.19 @ 6.24	13.5[4]	06-0807.04	+90/-140	Non-Impact
	SGD3030	OX, XO, OXO, OXXO	5⅞16"[1]	•		OX or XO: 48" x 48" OXO: 73" x 48" OXXO: 94⅞16" x 48"	OX or XO: 96" x 120" or 120" x 108" OXO: 145⅞16" x 120" OXXO: 190⅞16" x 120"	○[2]			○	Exterior								HH	up to 1 3/16"	•	•	○	•	○	○	○	○	○		Pass			.03 @ 1.57 (OXXO) .02 @ 1.57 (XO)	18	07-0831.09	+120/-120	Large/Small Missile[3]
	SGD3030	OX, XO, OXO, OXXO	5⅞16"[1]	•		OX or XO: 48" x 48" OXO: 73" x 48" OXXO: 94⅞16" x 48"	OX or XO: 96" x 120" or 120" x 108" OXO: 145⅞16" x 120" OXXO: 190⅞16" x 120"	○[2]			○	Exterior								HH	up to 1 3/16"	•	•	○	•	○	○	○	○	○		Pass			.05 @ 1.57 (OXXO) .06 @ 1.57 (OX)	24.75	07-0905.04	+165/-165	Small Missile

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** 5⅝" 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

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