

Product Selection Matrix

Style	Series Number	Product Description	AAMA Rating	Frame Depth(s)	Thermal Barrier	Two Color Capability	Structural Performance						Sample Thermal Performance				Options **					
							Test Size	Uniform Load Deflection (psf)	Uniform Structural Load (psf)	Air Infiltration @ 6.24 psf (cfm/ft ²)		Water Resistance (psf)		Whole Window U-Value (Btu/hr/ft ² /°F) At NFRC Size***				Dual Glazing (Yes/No)	Integral Blinds 5/8" 1"	Muntins A=Applied I=Internal T=True	Integral Blinds & Applied Muntins (Yes/No)	Large Missile Impact Rating (Yes/No)
										AAMA Allowable	AWM Actual	AAMA Required	AWM Actual (Optional)	Solarban 60 Air & Aluminum (0.29 COG)	Solarban 60 Argon & Aluminum (0.24 COG)	Solarban 60 Air & Warm Edge (0.29 COG)	Solarban 60 Argon & Warm Edge (0.24 COG)					
Casement Windows	2500i	Flush Vent Inswing Casement	AW-PG140	2 1/4", 4 1/4"	Thermal Strut	Yes	36" x 60"	140	210	0.10	0.03	12	25	0.54	0.51	0.51	0.49	Yes	5/8", 1"	A,I,T	Yes	Yes*
	2500i	Flush Vent Outswing Casement	AW-PG150	2 1/4", 4 1/4"	Thermal Strut	Yes	36" x 60"	150	225	0.10	<0.01	12	25	0.53	0.50	0.50	0.47	Yes	5/8", 1"	A,I,T	Yes	Yes*
	2750	Concealed Vent Outswing Casement	AW-PG90	2 3/4"	None	N/A	36" x 60"	90	135	0.10	0.03	12	25	0.48	0.44	0.45	0.41	No	No	I	No	No
	3000i	Flush Vent Inswing Casement	AW-PG100	3 1/2", 4 1/4", 5"	Thermal Strut	Yes	36" x 60"	100	150	0.10	0.01	12	25	0.47	0.45	0.44	0.42	Yes	5/8", 1"	A,I,T	Yes	Yes*
	3000i	Flush Vent Outswing Casement	AW-PG140	3 1/2", 4 1/4", 5"	Thermal Strut	Yes	36" x 60"	140	210	0.10	<0.01	12	25	0.48	0.46	0.46	0.44	Yes	5/8", 1"	A,I,T	Yes	Yes*
	3100i	Outswing Casement Steel Replica	AW-PG150	3 1/2", 4 1/4", 5"	Thermal Strut	Yes	36" x 60"	150	225	0.10	0.01	12	25	0.46	0.43	0.44	0.41	Yes	5/8", 1"	A,I,T	Yes	Yes*
	3200i	Structurally Glazed Flush Vent Inswing Casement	AW-PG150	3 1/2", 4 1/4"	Thermal Strut (Frame)	Yes	36" x 60"	150	225	0.10	0.01	12	20	0.56	0.54	0.54	0.51	Yes	5/8", 1"	I	Yes	Yes*
	3400i	Flush Vent Inswing Casement	AW-PG150	3 1/2", 4 1/4", 5"	Thermal Strut	Yes	36" x 60"	150	225	0.10	<0.01	12	25	0.48	0.46	0.46	0.43	Yes	5/8", 1"	A,I,T	Yes	Yes*
	3400i	Flush Vent Outswing Casement	AW-PG150	3 1/2", 4 1/4", 5"	Thermal Strut	Yes	36" x 60"	150	225	0.10	0.02	12	25	0.51	0.49	0.49	0.46	Yes	5/8", 1"	A,I,T	Yes	Yes*
3750i	Concealed Vent Outswing Casement	AW-PG150	3 3/4"	Thermal Strut (Frame)	Yes	36" x 60"	150	225	0.10	<0.01	12	25	0.61	0.58	0.59	0.56	No	No	I	No	No	
Curtainwall	1800	Curtain Wall (2" or 2 1/2" Wide)	N/A	Varies	Isolator	Yes	113" x 192"	60	90	0.10	<0.01	N/A	21	0.45	0.42	0.43	0.39	No	No	A,I	No	Yes
	1800i	Curtain Wall (2 1/2" Wide)	N/A	Varies	Thermal Strut & Isolator	Yes	113" x 192"	60	90	0.10	0.01	N/A	21	0.41	0.37	0.38	0.34	No	No	A,I	No	Yes*
Double Hung Windows	4700i	Double Hung Side Load	AW-PG100	4 1/4"	Thermal Strut	Yes	60" x 99"	100	150	0.30	0.19	12	15 (12)	0.45	0.42	0.41	0.38	Yes	5/8"	A,I,T	Yes	Yes*
	5000i	Double Hung Side Load Dual Window	DW-HC50	5"	Thermal Strut (Frame)	Yes	66" x 120"	50	75	0.37 ¹	0.06 ¹	6	8	0.46 ²	0.40 ³	0.44 ⁴	0.41 ⁵	No	No	A,T	No	Yes*
	7000i	Double Hung Tilt-In	AW-PG70	4 1/4"	Thermal Strut	Yes	60" x 99"	70	105	0.30	0.20	12	15 (12, 10)	0.52	0.48	0.49	0.46	Yes	5/8"	A,I,T	No	Yes
	7200i	Double Hung Tilt-In	AW-PG50	4 1/4"	Thermal Strut	Yes	60" x 99"	50	75	0.30	0.24	12	15 (12, 10)	0.48	0.45	0.45	0.42	Yes	5/8"	A,I,T	No	Yes*
	8000i	Double Hung Side Load	AW-PG120	5"	Thermal Strut	Yes	60" x 99"	120	180	0.30	0.17	12	15 (12)	0.56	0.53	0.53	0.50	Yes	5/8"	A,I,T	Yes	Yes
Dual Action Windows	3200i	Structurally Glazed Flush Vent Dual Action	AW120	3 1/2", 4 1/4"	Thermal Strut (Frame)	Yes	60" x 99"	120	180	0.10	<0.01	12	20	0.46	0.42	0.44	0.41	Yes	5/8", 1"	I	No	Yes
	3400i	Flush Vent Dual Action	AW-PG100*	3 1/2", 4 1/4", 5"	Thermal Strut	Yes	60" x 99"	100*	150*	0.10	0.01*	12	20*	0.42	0.39	0.41	0.38	Yes	5/8", 1"	A,I,T	Yes	Yes*
Fixed Windows	2500i	Fixed (Mates with 2500i)	AW-PG150	2 1/4", 4 1/4"	Thermal Strut	Yes	60" x 90"	150	225	0.10	<0.01	12	25	0.41	0.38	0.39	0.36	Yes	5/8", 1"	A,I,T	Yes	Yes*
	3000i	Fixed (Mates with 920i, 3000i)	AW-PG150*	3 1/2", 4 1/4", 5"	Thermal Strut	Yes	60" x 99"	150*	225*	0.10	0.01*	12	25*	0.39	0.35	0.37	0.33	Yes	5/8", 1"	A,I,T	Yes	Yes*
	3100i	Fixed (Mates with 3100i)	AW-PG150*	3 1/2", 4 1/4", 5"	Thermal Strut	Yes	60" x 99"	150*	225*	0.10	0.01*	12	25*	0.37	0.33	0.35	0.31	Yes	5/8", 1"	A,I,T	Yes	Yes*
	3200i	Fixed (Mates with 3200i)	AW-PG150*	3 1/2", 4 1/4"	Thermal Strut	Yes	60" x 99"	150*	225*	0.10	0.01*	12	25*	0.44	0.41	0.43	0.39	Yes	5/8", 1"	I	Yes	Yes*
	3400i	Fixed (Mates with 3400i)	AW-PG150	3 1/2", 4 1/4", 5"	Thermal Strut	Yes	60" x 99"	150	225	0.10	0.01	12	25	0.39	0.36	0.37	0.34	Yes	5/8", 1"	A,I,T	Yes	Yes*
	5090i	Fixed-Acoustical (Mates with 950i,5000i,5500i)	AW-PG150	5"	Thermal Strut	Yes	60" x 99"	150	225	0.10	<0.01	12	30	0.48	0.44	0.47	0.43	Yes	5/8", 1"	A,I,T	Yes	Yes
	7700i	Fixed (Mates with 4700i,4750i,6700i,6750i,7000i,7200i,7250i)	AW-PG150	4 1/4"	Thermal Strut	Yes	60" x 99"	150	225	0.10	<0.01	12	25	0.37	0.34	0.34	0.31	Yes	5/8", 1"	A,I,T	Yes	Yes*
	8090i	Fixed (Mates with 8000i)	AW-PG150	5"	Thermal Strut	Yes	60" x 99"	150	225	0.10	<0.01	12	25	0.42	0.39	0.40	0.36	Yes	5/8", 1"	A,I,T	Yes	Yes
	8800i	Fixed Curtain Wall Replica	AW-PG160	5"	Thermal Strut	Yes	60" x 99"	160	240	0.10	<0.01	12	25	0.41	0.37	0.38	0.34	Yes	5/8", 1"	A,I,T	Yes	Yes
8975i	Fixed (Mates with 975i)	AW-PG180	5"	Thermal Strut	Yes	60" x 99"	180	270	0.10	<0.01	12	25	0.41	0.37	0.39	0.36	Yes	5/8", 1"	A,I,T	Yes	Yes*	
Horizontal Sliding Windows	5500i	Horizontal Sliding-Double Slide Dual	DW-HC60	5"	Thermal Strut (Frame)	Yes	96" x 78"	60	90	0.37 ¹	0.03 ¹	6	12	0.50 ²	0.44 ³	0.47 ⁴	0.44 ⁵	No	No	A,T	No	Yes
	6700i	Horizontal Sliding-Double Slide	AW-PG70	4 1/4"	Thermal Strut	Yes	99" x 79"	70	105	0.30	0.20	12	15 (12)	0.47	0.45	0.44	0.41	Yes	5/8"	A,I,T	No	Yes
	6750i	Horizontal Sliding-Single Slide	AW-PG80*	4 1/4"	Thermal Strut	Yes	99" x 79"	80*	120*	0.30	0.20*	12	15 (12)	0.47	0.44	0.45	0.42	Yes	5/8"	A,I,T	No	Yes*
Projected Windows	2500i	Flush Vent Project In/Out	AW-PG70	2 1/4", 4 1/4"	Thermal Strut	Yes	60" x 144"	70	105	0.10	0.02	12	20	0.54/0.53	0.52/0.50	0.51/0.50	0.49/0.48	Yes	5/8", 1"	A,I,T	Yes	Yes
	2750	Concealed Vent Project Out	AW-PG90	2 3/4"	None	N/A	60" x 36"	90	135	0.10	0.03	12	25	0.48	0.45	0.45	0.42	No	No	I	No	No
	3000i	Flush Vent Project In/Out	AW-PG100	3 1/2", 4 1/4", 5"	Thermal Strut	Yes	60" x 144"	100	150	0.10	<0.01	12	20	0.48/0.49	0.45/0.46	0.44/0.46	0.42/0.44	Yes	5/8", 1"	A,I,T	Yes	Yes
	3100i	Project Out Steel Replica	AW-PG100	3 1/2", 4 1/4", 5"	Thermal Strut	Yes	60" x 36"	100	150	0.10	0.01	12	15	0.46	0.43	0.44	0.41	Yes	5/8", 1"	A,I,T	Yes	Yes*
	3200i	Structurally Glazed Flush Vent Project In	AW-PG70	3 1/2", 4 1/4"	Thermal Strut (Frame)	Yes	60" x 144"	70	105	0.10	<0.01	12	25	0.57	0.54	0.54	0.51	Yes	5/8", 1"	I	Yes	Yes*
	3400i	Flush Vent Project In/Out	AW-PG100	3 1/2", 4 1/4", 5"	Thermal Strut	Yes	60" x 108"	100	150	0.10	<0.01	12	15	0.48/0.52	0.46/0.50	0.46/0.49	0.43/0.47	Yes	5/8", 1"	A,I,T	Yes	Yes*
	3750i	Concealed Vent Project Out	AW-PG130	3 3/4"	Thermal Strut (Frame)	Yes	60" x 36"	130	195	0.10	<0.01	12	25	0.62	0.58	0.60	0.56	No	No	I	No	No
Single Hung Windows	4750i	Single Hung Side Load	AW-PG110	4 1/4"	Thermal Strut	Yes	60" x 99"	110	165	0.30	0.24	12	15 (12)	0.45	0.42	0.43	0.40	Yes	5/8"	A,I,T	No	Yes
	7250i	Single Hung Tilt-In	AW-PG55	4 1/4"	Thermal Strut	Yes	60" x 99"	55	82.5	0.30	0.24	12	12 (10)	0.46	0.42	0.43	0.39	Yes	5/8"	A,I,T	No	Yes*
Storefront	1700	Storefront	N/A	4 1/2"	Polyurethane	No	98" x 96"	60	90	0.10	<0.01	N/A	30	0.41	0.38	0.39	0.35	No	No	I	No	No
Terrace Doors	920i	Inswing Terrace Door	AW-PG100	3 1/2", 4 1/4", 5"	Thermal Strut	Yes	48" x 96"	100	150	0.10	0.03	12	12	0.48	0.45	0.47	0.44	Yes	5/8"	A,I,T	Yes	Yes
	920i	Outswing Terrace Door	AW-PG100	3 1/2", 4 1/4", 5"	Thermal Strut	Yes	48" x 96"	100	150	0.10	0.02	12	15	0.48	0.45	0.47	0.44	Yes	5/8"	A,I,T	Yes	Yes
	950i	Horizontal Sliding Door	AW-PG75	5"	Thermal Strut	Yes	123" x 95"	75	112.5	0.30	0.13	12	15 (12)	0.46	0.43	0.45	0.41	Yes	5/8"	A,I,T	No	Yes
	975i	Lift & Slide Horizontal Sliding Door	AW-PG80	5"	Thermal Strut	Yes	123" x 95"	80	120	0.30	0.14	12	15	0.50	0.47	0.49	0.46	Yes	5/8"	A,I,T	No	Yes

Products are constantly updated, retested and added - Contact AWM for most current information
 * Estimated value ** Contact AWM for additional option information *** Based on 1" insulated glass using two 1/4" clear lites at shallowest available frame depth - Contact AWM for values based on alternate glazing options
 Various products also tested for sound ratings (STC/OITC) - Contact AWM for results and/or assistance ¹Tested at 1.57 psf ²Single glazing with pyrolytic Low E #2 interior/exterior ³Single glazing with pyrolytic Low E #2 exterior #4 interior ^{4,5} 1/2" (air*) (Argon⁵) filled insulated glass with Solarban 60 #2 exterior, single glazing interior 4/1/25