

Structural Performance Data

Contemporary Casement and Casement Picture Windows (8211)

WEATHER SHIELD.
WINDOWS & DOORS

Unit Style	Model Number	Size Tested (total frame size)	NAFS 101/I.S.2/A440 Performance Rating	Design Pressure Rating (psf)	Structural Test Pressure (psf)	Water Performance (psf)	Air Infiltration (cfm/ft ²)	Forced Entry Resistance Grade / Type	Data Valid Until
1-Wide Casement	8211	41.5" x 83.5"	LC-PG50-C	+/-50	+/-75	7.50	0.00	10 / B	10/12/2033
1-Wide Casement w/upgrade ¹ - Temp Glass	8211	47.5" x 95.5"	LC-PG55-C	+/-55	+/-82.5	8.25	0.06	10 / B	4/17/2025
1-Wide Casement w/upgrade ¹ - Temp Glass	8211	41.5" x 83.5"	LC-PG65-C	+/-65	+/-97.5	9.75	0.00	10 / B	10/12/2033
2-Wide Casement w/upgrade ¹ - Temp Glass	8211	41.5" x 83.5" Single 83" x 83.5" Mulled	LC-PG65-MA	+/-65	+/-97.5	9.75	0.00	10 / B	10/12/2033
2-Wide Casement	8211	41.5" x 83.5" Single 83" x 83.5" Mulled	LC-PG50-MA	+/-50	+/-75	7.50	0.00	10 / B	10/12/2033
1-Wide Casement with Direct-set transom w/upgrade ¹ - Temp Glass	8211/8306	41.5" x 95.5" Single Casement 41.5"x41.5" Single Direct Set 41.5" x 137" Mulled	R-PG60-MA	+/-60	+/-90	9.00	0.01	10 / B	5/8/2024
Casement with Picture	8211	41.5" x 95.5" Csmt 59.5"x95.50" Pic 101" x 95.5" Mulled	LC-PG50-MA	+/-50	+/-75	7.50	0.01	10 / B	9/28/2033
Awning with picture stack - Temp Glass	8211	59.5" x 35.5" Awn 59.5"x59.5" Pic 59.5" x 95" Stacked	CW-PG55-MA	+/-55	+/-82.5	8.25	0.02	10 / B	6/1/2033
2-Wide Casement Picture	8211	71.5" x 95.5" Single 143" x 95.5" Mulled	LC-PG45-MA	+/-45	+/-67.6	6.89	0.00	10 / B	2/5/2034
2-Wide Casement with Direct-set transom w/upgrade ¹ w/LVL stack	8211/8306	41.5" x 95.5" Casement Ind. 83" x 95.5" Direct Set 83" x 137.5" Combined	R-PG50-MA	+/-50	+/-75	7.50	0.01	10 / B	5/8/2024
1-Wide Casement Picture - Temp Glass	8211	59.5"x59.5"	CW-PG55-FW	+/-55	+/-82.5	8.25	0.02	10 / B	6/1/2033
1-Wide Casement Picture	8211	59.5"x95.50"	LC-PG50-FW	+/-50	+/-75	7.50	0.01	10 / B	9/28/2033

¹With J-Hook snubber