

Structural Performance Data

Signature Casement Windows (8219)

WEATHER SHIELD.

WINDOWS & DOORS

Unit Style	Model Number	Size Tested (total frame size)	AAMA/WDMA/CSA 101/I.S.2/A440-11	Design Pressure Rating (psf)	Structural Test Pressure (psf)	Water Performance (psf)	Air Infiltration (cfm/ft ²)	Forced Entry Resistance Grade / Type	Data Valid Until
2-Wide Casement	8219	35-1/2" x 83-1/2" Single 71" x 83-1/2" Mulled	CW-PG50-C Single LC-PG50-MA Mulled	+/-50	+/-75	7.50	0.01	10 / B	3/2/2028
Casement with Picture	8219	35.5" x 83.5" Casement 71.5" x 83.5" Picture 107"x83.5" Mulled	LC-PG40-C Casement CW-PG40-FW Picture LC-PG40-MA Mulled	+/-40	+/-60	6.00	0.01	10 / B	3/6/2028
2-Wide Casement with 2-Wide Direct-Set ¹	8219/8306	35-1/2"x83-1/2" Ind. Casement 35-1/2"x42" Ind. Direct-Set 71"x125-1/2" Overall	LC-PG25-C Casement LC-PG25-FW Direct-set	+/-25	+/-37.5	3.75	0.01	10 / B & D	3/12/2028
2-Wide Casement with 2-Wide Direct-Set ²	8219/8306	35-1/2"x83-1/2" Ind. Casement 35-1/2"x42" Ind. Direct-Set 71"x126" Overall	LC-PG50-C Casement LC-PG50-FW Direct-set	+/-50	+/-75	7.50	0.01	10 / B & D	4/19/2028
2-Wide Casement with 1-Wide Direct-Set ¹	8219/8306	35-1/2"x71-1/2" Ind. Casement 71-1/16"x35-1/2" Direct-Set 71-1/16"x107-1/16" Overall	LC-PG50-C Casement LC-PG50-FW Direct-set	+/-50	+/-75	7.50	0.01	10 / B & D	4/5/2028

Revised 5/14/18

¹ requires 1/16" steel horizontal mull reinforcement

² requires 1/2" aluminum horizontal mull reinforcement