

StormBreaker Plus HVHZ Product Series

Air-Water-Structural Performance



Product	Window Type	Test Size	Rating	Reinforcement	Air Infiltration (scfm/sq. ft)	Water Pressure (psf)	Structural Pressure (psf)	Florida Approval	TDI Approval	Test Report Number	Specification Type
Casement	Standard	36 x 50	R-PG55		.01	8.25	+55/-55	15372	N/A	B8043.01	HVHZ/TAS 201, 202, 203
Casement	Standard	30 x 65	R-PG50		.07	8.25	+50/-50	N/A	N/A	SIM-050-02-01	HVHZ/TAS 201, 202, 203
Double Hung	Standard	37 x 76	R-PG65	A9	.17	9.75	+65/-65	16379	N/A	D3023.01	HVHZ/TAS 201, 202, 203
Double Hung	Standard	53 x 76	R-PG55	H9	.11	8.25	+55/-60	16379	N/A	D3024.01	HVHZ/TAS 201, 202, 203
Fixed	Standard	74 x 63	R-PG65		.01	9.75	+65/-65	16390	N/A	B8416.01	HVHZ/TAS 201, 202, 203
Horizontal Slider	Equal	113 x 63	R-PG50	H9	.07	7.50	+50/-50	16389	N/A	SV30832	HVHZ/TAS 201, 202, 203
Horizontal Slider	Standard	73 x 54	R-PG50	E9	.14	7.50	+50/-50	16389	N/A	B8415.01	HVHZ/TAS 201, 202, 203

TEST REPORTS ARE AVAILABLE UPON REQUEST

All units tested in accordance with AAMA/WDA/CSA 101/I.S.2, and include a welded corner test, for which all units either met or exceeded the standards, and a deglazing test, for which all units either met or exceeded the standards.

- 1) Sizes are certified up to and including the sizes listed.
- 2) Air infiltration is based upon static pressure of 1.57 psf (25 mph). Air infiltration shall not exceed 0.3 standard cubic feet per minute (scfm) per square foot.
- 3) The minimum water resistance is 2.86 psf for an entry level R15 water rating, 3.75 psf for an entry level LC25 water rating, and 4.50 psf for an entry level C30 water rating.
- 4) The minimum structural test pressure is 22.5 psf for an entry level R15 structural rating, 37.5 psf for an entry level LC25 structural rating, and 45.0 psf for an entry level C30 structural rating.

Notes:

SPECIAL MANUFACTURING REQUIREMENTS (FOR EXAMPLE: REINFORCEMENT STRENGTH, GLASS STRENGTH, ETC.) MAY BE NECESSARY TO MEET THE DESIGN PRESSURE LISTED.

PLEASE SPECIFY DESIGN PRESSURE REQUIRED WHERE APPLICABLE.

PLEASE CONSULT YOUR CUSTOMER SERVICE REPRESENTATIVE FOR AVAILABILITY OF SIZES. FACTORS SUCH AS HARDWARE RELIABILITY, SHIPPING, CONSISTENCY IN OPERATING FORCE AND SECURING THE UNIT PROPERLY MAY LIMIT THE UNIT SIZE.