

ProFinish Brickmould 600 Product Series

Air-Water-Structural Performance



Type	Size	Reinforcement Code	Air Infiltration	Operating Force	Water Penetration	Uniform Load	Overall Rating	Report Number
Awning	48 x 42	00	0.01 scfm/ft ²	2 lbf	8.25 psf	± 82.5 psf	AP-R55	A6990.01
Awning	53 x 26	00	0.01 scfm/ft ²	2 lbf	9.00 psf	± 90.0 psf	AP-R60	A6990.01
Awning	60 x 36	00	0.01 scfm/ft ²	2 lbf	7.50 psf	± 75.0 psf	AP-R50	A6990.01
Casement	36 x 72	00	0.01 scfm/ft ²	3 lbf	9.00 psf	± 90.0 psf	C-R60	A6992.01
Casement T-Mull (Triple)*	101 x 63	00	0.08 scfm/ft ²	4 lbf	3.75 psf	± 37.5 psf	C-R25	A8085.01
Casement T-Mull (Triple)*	106.5 x 72	00	0.13 scfm/ft ²	4 lbf	6.75 psf	± 67.5 psf	C-R45	A8085.01
Double Hung	35.5 x 80	A9	0.14 scfm/ft ²	28 lbf	5.25 psf	± 52.5 psf	R-PG35	A7023.01
Double Hung	36 x 63	00	0.10 scfm/ft ²	24 lbf	7.50 psf	± 75.0 psf	H-R50	A4937.01
Double Hung	36 x 74	A9	0.11 scfm/ft ²	30 lbf	7.50 psf	± 75.0 psf	H-R50	A3993.01
Double Hung	36 x 74	A9	0.11 scfm/ft ²	30 lbf	7.50 psf	± 75.0 psf	H-R50	B7589.01
Double Hung	36 x 74	00	0.12 scfm/ft ²	22 lbf	5.25 psf	± 52.5 psf	H-R35	C9017.01
Double Hung	38 x 72	A9	0.11 scfm/ft ²	30 lbf	7.50 psf	± 75.0 psf	H-R50	B7589.01
Double Hung	38 x 80	A9	0.14 scfm/ft ²	29 lbf	5.25 psf	± 52.5 psf	R-PG35	A7025.01
Double Hung	44 x 74	A9	0.10 scfm/ft ²	28 lbf	7.50 psf	± 75.0 psf	H-R50	B7589.01
Double Hung	44.25 x 63	00	0.09 scfm/ft ²	24 lbf	5.25 psf	± 52.5 psf	H-R35	A4937.01
Double Hung	48 x 63	A2	0.16 scfm/ft ²	16 lbf	6.75 psf	± 67.5 psf	H-R45	D2891.01
Double Hung	48 x 80	A9	0.11 scfm/ft ²	30 lbf	5.25 psf	± 52.5 psf	H-R35	A3993.01
Double Hung	52 x 71	A9	0.09 scfm/ft ²	26 lbf	5.25 psf	± 52.5 psf	H-R35	A3993.01
Double Hung T-Mull (Triple)	109 x 74	A9	0.13 scfm/ft ²	27 lbf	5.25 psf	± 52.5 psf	H-R35	A4523.01
Double Hung T-Mull (Twin)	72.5 x 63	00	0.15 scfm/ft ²	25 lbf	5.25 psf	± 52.5 psf	H-R35	A4576.01
Double Hung T-Mull (Twin)	72.5 x 74	A9	0.12 scfm/ft ²	28 lbf	7.50 psf	± 75.0 psf	H-R50	A4522.01
Double Hung T-Mull (Twin)	72.5 x 75.75	A9	0.12 scfm/ft ²	28 lbf	7.50 psf	± 75.0 psf	H-R50	A4522.01
Double Hung T-Mull (Twin)	89 x 63	00	0.11 scfm/ft ²	25 lbf	4.50 psf	± 45.0 psf	H-R30	A4576.01
Double Hung T-Mull (Twin)	97 x 80	A9	0.12 scfm/ft ²	28 lbf	4.50 psf	± 45.0 psf	H-R30	A4522.01
Double Hung T-Mull (Quad)	112 x 74	00	0.16 scfm/ft ²	21 lbf	5.25 psf	± 52.5 psf	H-R35	A3992.01
Picture Window	48 x 63	00	0.01 scfm/ft ²	N/A	6.75 psf	± 67.5 psf	FW-R45	98447.01
Picture Window	74 x 63	00	0.01 scfm/ft ²	N/A	7.50 psf	± 75.0 psf	FW-R50	T255-10
Picture Window	80 x 48	00	0.01 scfm/ft ²	N/A	7.50 psf	± 75.0 psf	FW-R50	T255-10
Picture Window	96 x 72	00	0.01 scfm/ft ²	N/A	5.25 psf	± 52.5 psf	FW-R35	T255-10
Picture Window T-Mull (Triple)	108.75 x 74	00	0.01 scfm/ft ²	N/A	5.25 psf	± 52.5 psf	FW-R35	T353-10
Picture Window T-Mull (Twin)	97 x 80	00	0.01 scfm/ft ²	N/A	5.25 psf	± 52.5 psf	FW-R35	T353-10
End Vent	100 x 63	A2	0.15 scfm/ft ²	10 lbf	3.00 psf	± 30.0 psf	HS-R20	A6986.01
End Vent	125.75 x 63	A2	0.14 scfm/ft ²	8 lbf	3.00 psf	± 30.0 psf	HS-R20	A4933.01
End Vent	84 x 36	A2	0.27 scfm/ft ²	8 lbf	6.00 psf	± 60.0 psf	HS-R40	A4933.01
Slider	60 x 52	A2	0.22 scfm/ft ²	13 lbf	6.75 psf	± 67.5 psf	HS-R45	D2896.01
Slider	69 x 65	A2	0.17 scfm/ft ²	18 lbf	3.75 psf	± 37.5 psf	HS-R25	A4932.01
Slider	72 x 36	A2	0.23 scfm/ft ²	9 lbf	6.00 psf	± 60.0 psf	HS-R40	A4932.01
Slider	72 x 54	A2	0.17 scfm/ft ²	9 lbf	4.50 psf	± 45.0 psf	HS-R30	A4932.01
Slider	72 x 72	A2	0.18 scfm/ft ²	8 lbf	3.00 psf	± 30.0 psf	HS-R20	B0682.01
Slider	78 x 63	A2	0.16 scfm/ft ²	8 lbf	3.75 psf	± 37.5 psf	HS-R25	A6223.01
Door Picture Window	107.25 x 47.5	00	0.01 scfm/ft ²	N/A	7.50 psf	± 75.0 psf	F-R50	B7917.01

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Type	Size	Reinforcement Code	Air Infiltration	Operating Force	Water Penetration	Uniform Load	Overall Rating	Report Number
Patio Door - 3 Panel	107.25 x 79.5	H5	0.10 scfm/ft ²	9 lbf	6.75 psf	± 67.5 psf	SD-R45	D2903.01
Patio Door - 3 Panel	107.25 x 79.5	E5	0.11 scfm/ft ²	13 lbf	4.50 psf	± 45.0 psf	SD-R30	D2901.01
Patio Door - 2 Panel	71.25 x 79.5	H5	0.16 scfm/ft ²	16 lbf	7.50 psf	± 75.0 psf	SD-R50	D3268.01
Patio Door - 2 Panel	71.25 x 79.5	E5	0.17 scfm/ft ²	16 lbf	5.25 psf	± 52.5 psf	SD-R35	D2892.01
Patio Door - 2 Panel	71.25 x 95.5	H5	0.09 scfm/ft ²	14 lbf	5.25 psf	± 52.5 psf	SD-R35	D3269.01
Patio Door - 2 Panel	77.25 x 83.5	E5	0.15 scfm/ft ²	13 lbf	4.50 psf	± 45.0 psf	SD-R30	D3264.01
Patio Door - 2 Panel	95.25 x 79.5	E5	0.15 scfm/ft ²	11 lbf	5.25 psf	± 52.5 psf	SD-R35	C3516.01

* Please note that the Casement T-Mulls were tested as triples. Currently the only T-Mull available is a twin, with an individual unit width of 36".

TEST REPORTS ARE AVAILABLE UPON REQUEST

All units tested in accordance with AAMA/WDA/CSA 101/I.S.2/A440-08, 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) Operating force listed is an average of the forces required to open and close the unit. The maximum allowable pound force is 30 lbf for vertical sliders and 20 lbf for horizontal sliders.
- 4) 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.
- 5) 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 SIMONTON 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.