

# ProFinish Contractor Product Series

## Air-Water-Structural Performance



Type	Size	Reinforcement Code	Air Infiltration	Operating Force	Water Penetration	Uniform Load	Overall Rating	Report Number
Awning	53 x 26	00	0.01 scfm/ft <sup>2</sup>	1 lbf	8.25 psf	± 82.5 psf	AP-R55	B2264.01
Awning	60 x 36	00	0.01 scfm/ft <sup>2</sup>	1 lbf	8.25 psf	± 75.0 psf	AP-R50	B2264.01
Casement	36 x 72	00	0.01 scfm/ft <sup>2</sup>	3 lbf	6.00 psf	± 60.0 psf	C-R40	A9271.01
Casement	36 x 72	00	0.07 scfm/ft <sup>2</sup>	4 lbf	8.25 psf	± 82.5 psf	C-R55	C9011.01
Casement	36 x 80	00	0.07 scfm/ft <sup>2</sup>	4 lbf	8.25 psf	± 75.0 psf	C-R50	C9011.01
Casement T-Mull (Triple)*	100.5 x 63	00	0.05 scfm/ft <sup>2</sup>	4 lbf	7.50 psf	± 75.0 psf	C-R50	B2269.01
Casement T-Mull (Triple)*	107 x 72	00	0.04 scfm/ft <sup>2</sup>	4 lbf	6.75 psf	± 67.5 psf	C-R45	C4254.01
Picture Casement	74 x 63	00	0.01 scfm/ft <sup>2</sup>	N/A	8.25 psf	± 82.5 psf	LC-PG55	C7749.01
Picture Casement	96 x 72	00	0.01 scfm/ft <sup>2</sup>	N/A	3.75 psf	± 37.5 psf	LC-PG25	C7749.01
Double Hung	26 x 76	E9	0.15 scfm/ft <sup>2</sup>	16 lbf	7.50 psf	± 75.0 psf	H-R50	A9243.01
Double Hung	32 x 62	00	0.20 scfm/ft <sup>2</sup>	28 lbf	7.50 psf	± 75.0 psf	H-R50	C0827.01
Double Hung	36 x 63	00	0.19 scfm/ft <sup>2</sup>	21 lbf	6.75 psf	± 67.5 psf	R-PG45	C7754.01
Double Hung	36 x 72	00	0.14 scfm/ft <sup>2</sup>	20 lbf	4.50 psf	± 45.0 psf	H-R30	C0827.01
Double Hung	36 x 74	A9	0.11 scfm/ft <sup>2</sup>	18 lbf	7.50 psf	± 75.0 psf	H-R50	C0838.01
Double Hung	44 x 63	A9	0.16 scfm/ft <sup>2</sup>	19 lbf	6.75 psf	± 67.5 psf	H-R45	C4256.01
Double Hung	44.25 x 63	00	0.18 scfm/ft <sup>2</sup>	28 lbf	5.25 psf	± 52.5 psf	R-PG35	A4934.01
Double Hung	48 x 80	A7	0.18 scfm/ft <sup>2</sup>	28 lbf	4.50 psf	± 45.0 psf	H-R30	A4934.01
Double Hung	48 x 80	A9	0.11 scfm/ft <sup>2</sup>	29 lbf	5.25 psf	± 52.5 psf	H-R35	A9243.01
Double Hung	52.5 x 71	E9	0.12 scfm/ft <sup>2</sup>	25 lbf	5.25 psf	± 52.5 psf	H-R35	B3423.01
Double Hung T-Mull (Twin)	72 x 74	A9	0.16 scfm/ft <sup>2</sup>	18 lbf	6.75 psf	± 67.5 psf	H-R45	C7762.01
Double Hung T-Mull (Twin)	73 x 63	00	0.18 scfm/ft <sup>2</sup>	11 lbf	5.25 psf	± 52.5 psf	R-PG35	C7756.01
Double Hung T-Mull (Twin)	89 x 63	A2	0.17 scfm/ft <sup>2</sup>	20 lbf	4.50 psf	± 45.0 psf	H-R30	C3507.01
Double Hung T-Mull (Twin)	96 x 80	A9	0.12 scfm/ft <sup>2</sup>	28 lbf	3.75 psf	± 37.5 psf	H-R25	C7762.01
Picture Window	48 x 63	00	0.01 scfm/ft <sup>2</sup>	N/A	7.50 psf	± 75.0 psf	FW-R50	B2265.01
Picture Window	72 x 63	00	0.01 scfm/ft <sup>2</sup>	N/A	7.50 psf	± 75.0 psf	R-PG50	99639.01
Picture Window	74 x 63	00	0.01 scfm/ft <sup>2</sup>	N/A	7.50 psf	± 75.0 psf	FW-R50	C3508.01
Picture Window	80 x 48	00	0.04 scfm/ft <sup>2</sup>	N/A	8.25 psf	± 82.5 psf	FW-R55	C3508.01
Picture Window	96 x 63	00	0.01 scfm/ft <sup>2</sup>	N/A	5.25 psf	± 52.5 psf	FW-R35	A9230.01
Picture Window	96 x 63	00	0.01 scfm/ft <sup>2</sup>	N/A	6.75 psf	± 67.5 psf	FW-C45	B3414.01
Picture Window	96 x 72	00	0.01 scfm/ft <sup>2</sup>	N/A	4.50 psf	± 45.0 psf	CW-PG30	A6139.01
Picture Window	96 x 72	00	0.01 scfm/ft <sup>2</sup>	N/A	4.50 psf	± 45.0 psf	FW-LC30	C0830.01
Picture Window T-Mull (Twin)	97 x 80	00	0.01 scfm/ft <sup>2</sup>	N/A	6.00 psf	± 52.5 psf	FW-R35	C4275.01
Single Hung	32 x 62	00	0.11 scfm/ft <sup>2</sup>	14 lbf	7.50 psf	± 75.0 psf	H-R50	C0826.01
Single Hung	36 x 63	00	0.15 scfm/ft <sup>2</sup>	16 lbf	6.75 psf	± 67.5 psf	H-R45	B7729.01
Single Hung	36 x 72	00	0.08 scfm/ft <sup>2</sup>	17 lbf	3.75 psf	± 37.5 psf	H-R25	C0826.01
Single Hung	36 x 74	E8	0.12 scfm/ft <sup>2</sup>	20 lbf	7.50 psf	± 75.0 psf	H-R50	C4258.01
Single Hung	36 x 74	A7	0.12 scfm/ft <sup>2</sup>	24 lbf	5.25 psf	± 52.5 psf	H-R35	C4260.01
Single Hung	36 x 76	E9	0.08 scfm/ft <sup>2</sup>	24 lbf	7.50 psf	± 75.0 psf	H-LC50	C0835.01
Single Hung	44 x 63	00	0.12 scfm/ft <sup>2</sup>	12 lbf	3.75 psf	± 37.5 psf	H-R25	T260-10
Single Hung	44 x 63	E8	0.09 scfm/ft <sup>2</sup>	23 lbf	6.75 psf	± 67.5 psf	H-R45	C4258.01
Single Hung	44 x 63	00	0.13 scfm/ft <sup>2</sup>	14 lbf	5.25 psf	± 52.5 psf	H-R35	C4260.01
Single Hung	44 x 63	00	0.14 scfm/ft <sup>2</sup>	17 lbf	5.25 psf	± 52.5 psf	H-R35	C0835.01
Single Hung	44 x 75	E8	0.07 scfm/ft <sup>2</sup>	40 lbf	4.50 psf	± 45.0 psf	H-LC30	D2908.01
Single Hung	48 x 72	E9	0.13 scfm/ft <sup>2</sup>	20 lbf	6.00 psf	± 60.0 psf	H-R40	C3505.01
Single Hung	48 x 80	A9	0.17 scfm/ft <sup>2</sup>	24 lbf	3.75 psf	± 37.5 psf	H-R25	C7743.01
Single Hung	48 x 80	A7	0.05 scfm/ft <sup>2</sup>	26 lbf	3.75 psf	± 37.5 psf	H-LC25	C0837.01
Single Hung	48 x 80	A7	0.06 scfm/ft <sup>2</sup>	21 lbf	3.75 psf	± 37.5 psf	H-LC25	C0835.01
Single Hung	52.5 x 71	E9	0.08 scfm/ft <sup>2</sup>	28 lbf	5.25 psf	± 52.5 psf	H-R35	B0681.01
Single Hung T-Mull (Triple)	109 x 63	00	0.16 scfm/ft <sup>2</sup>	16 lbf	5.25 psf	± 52.5 psf	H-R35	B7948.01
Single Hung T-Mull (Twin)	73 x 63	00	0.18 scfm/ft <sup>2</sup>	13 lbf	5.25 psf	± 52.5 psf	H-R35	C0828.01
Single Hung T-Mull (Twin)	73 x 74	E8	0.16 scfm/ft <sup>2</sup>	16 lbf	6.75 psf	± 67.5 psf	H-R45	C6578.01

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## Air-Water-Structural Performance



Type	Size	Reinforcement Code	Air Infiltration	Operating Force	Water Penetration	Uniform Load	Overall Rating	Report Number
Single Hung T-Mull (Twin)	89 x 63	00	0.16 scfm/ft <sup>2</sup>	18 lbf	4.50 psf	± 45.0 psf	H-R30	C0828.01
Single Hung T-Mull (Twin)	96 x 80	A7	0.14 scfm/ft <sup>2</sup>	22 lbf	3.00 psf	± 30.0 psf	H-R20	B7788.01
End Vent	108 x 63	A2	0.11 scfm/ft <sup>2</sup>	12 lbf	3.00 psf	± 30.0 psf	HS-R20	B7762.01
End Vent	136 x 63	A2	0.07 scfm/ft <sup>2</sup>	13 lbf	2.86 psf	± 22.5 psf	HS-R15	T258-10
End Vent	136 x 63	A2	0.07 scfm/ft <sup>2</sup>	12 lbf	2.86 psf	± 22.5 psf	HS-R15	B2267.01
End Vent	84 x 72	A2	0.11 scfm/ft <sup>2</sup>	6 lbf	3.00 psf	± 30.0 psf	HS-R20	B7751.01
End Vent	84 x 72	A2	0.12 scfm/ft <sup>2</sup>	16 lbf	3.00 psf	± 30.0 psf	HS-R20	D3266.01
End Vent	96 x 63	A2	0.09 scfm/ft <sup>2</sup>	25 lbf	4.50 psf	± 45.0 psf	HS-R30	T257-10
Slider	72 x 44	00	0.10 scfm/ft <sup>2</sup>	6 lbf	3.00 psf	± 30.0 psf	HS-R20	C0832.01
Slider	72 x 48	A2	0.07 scfm/ft <sup>2</sup>	7 lbf	5.25 psf	± 52.5 psf	HS-R35	C2265.01
Slider	72 x 48	A2	0.06 scfm/ft <sup>2</sup>	8 lbf	5.25 psf	± 52.5 psf	HS-R35	C0840.01
Slider	72 x 63	A2	0.09 scfm/ft <sup>2</sup>	10 lbf	4.50 psf	± 45.0 psf	HS-R30	C4261.01
Slider	72 x 63	A2	0.05 scfm/ft <sup>2</sup>	9 lbf	4.50 psf	± 45.0 psf	HS-R30	B2266.01
Slider	72 x 72	A2	0.07 scfm/ft <sup>2</sup>	10 lbf	3.00 psf	± 30.0 psf	HS-R20	B7767.01
Slider	72 x 72	F2	0.09 scfm/ft <sup>2</sup>	12 lbf	3.00 psf	± 30.0 psf	HS-R20	D3265.01
Door Picture Window	107.25 x 47.5	00	0.01 scfm/ft <sup>2</sup>	N/A	7.50 psf	± 75.0 psf	F-R50	B7917.01
Patio Door	107.25 x 79.5	H5	0.10 scfm/ft <sup>2</sup>	9 lbf	6.75 psf	± 67.5 psf	SD-R45	D2903.01
Patio Door	107.25 x 79.5	E5	0.11 scfm/ft <sup>2</sup>	13 lbf	4.50 psf	± 45.0 psf	SD-R30	D2901.01
Patio Door	71.25 x 79.5	H5	0.16 scfm/ft <sup>2</sup>	16 lbf	7.50 psf	± 75.0 psf	SD-R50	D3268.01
Patio Door	71.25 x 79.5	E5	0.17 scfm/ft <sup>2</sup>	16 lbf	5.25 psf	± 52.5 psf	SD-R35	D2892.01
Patio Door	71.25 x 95.5	H5	0.09 scfm/ft <sup>2</sup>	14 lbf	5.25 psf	± 52.5 psf	SD-R35	D3269.01
Patio Door	77.25 x 83.5	E5	0.15 scfm/ft <sup>2</sup>	13 lbf	4.50 psf	± 45.0 psf	SD-R30	D3264.01
Patio Door	95.25 x 79.5	H5	0.11 scfm/ft <sup>2</sup>	12 lbf	7.50 psf	± 75.0 psf	SD-R50	B7598.01
Patio Door	95.25 x 79.5	E5	0.15 scfm/ft <sup>2</sup>	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.*