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NAFS Performance Ratings

Conform to AAMA/WDMA/CSA101/I.S.2/A440-08 & CSA A440S1-09

To determine Canadian Building Code requirements, visit:
www.fenestrationcanada.ca/calculator
NAFS has replaced previous A-B-C ratings.

SERIES	PRODUCT	CLASS	PG	SIZE TESTED	POSITIVE / NEGATIVE DP	WATER TEST PRESSURE	CDN AIR INFIL / EXFIL	FORCED ENTRY RESISTANCE
FIXED WINDOWS								
328	FiberWall™ High Profile Fixed	CW	60	94 x 60"	2880 / 2880 Pa	730 Pa	Fixed	Grade 20
328	FiberWall™ Fixed	CW	60	59.1 x 98.4"	3360 / 2880 Pa	730 Pa	Fixed	Grade 40
458	FiberWall™ Fixed	CW	60	59.1 x 98.4"	3360 / 2880 Pa	730 Pa	Fixed	Grade 40
458	FiberWall™ Fixed	CW	50	96 x 84"	2400 / 2400 Pa	400 Pa	Fixed	Grade 20
658	FiberWall™ Fixed	CW	60	59.1 x 98.4"	3360 / 2880 Pa	730 Pa	Fixed	Grade 40
CASEMENT / AWNING WINDOWS								
328 / 458	FiberWall™ Casement	CW	50	36 x 72"	2400 / 2400 Pa	730 Pa	A3	Grade 10
328 / 458	FiberWall™ Awning	CW	90	60 x 40"	4320 / 4320 Pa	730 Pa	A3	Grade 10
SLIDING WINDOWS								
800	Horizontal Slider	R	80	63 x 43.9"	3840 / 3840 Pa	400 Pa <i>See Note 2</i>	A2	Grade 20
850	Single Hung	LC	55	44.9 x 76.4"	2640 / 2640 Pa	400 Pa <i>See Note 2</i>	A3	Grade 20
900	Double Hung (2 lock equal lite)	R	55	40.1 x 63.7"	2640 / 2640 Pa	400 Pa <i>See Note 2</i>	A3	Grade 20
TILT + TURN WINDOWS								
300	Dual Action Tilt + Turn	CW	65	48 x 72.1"	3120 / 3120 Pa	470 Pa	A3	Grade 40
HOPPER / INSWING CASEMENT WINDOWS								
700	Hopper	CW	60	48.8 x 33.1"	2880 / 2880 Pa	730 Pa	A3	Grade 20
700	Hopper Fixed	CW	30	60 x 60"	1440 / 1440 Pa	730 Pa	Fixed	Grade 20
700	Inswing Casement	CW	45	32.7 x 59.8"	2160 / 2160 Pa	510 Pa	A3	Grade 20
SLIDING DOORS								
550	Sliding Door Ultra Slim	LC	45	87 x 84"	3840 / 3840 Pa	330 Pa	A3	Grade 10
550	Sliding Door Ultra Slim (FOOF)	LC	50	126 x 96"	2400 / 2400 Pa	330 Pa	A3	Grade 20
550	Sliding Door Ultra	LC	60	96 x 96"	3120 / 3120 Pa	440 Pa	A3	Grade 10

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SWINGING DOORS								
INSWING								
458 / 658	Inswing Single Door with Sidelites, Standard Sill	R	40	112 x 82"	1920 / 2160 Pa	180-220 Pa <i>See Note 5</i>	A3	Pass
458 / 658	Inswing Single Door with Sidelites, Standard Sill	R	30	112 x 98"	1680 / 1920 Pa	180-220 Pa <i>See Note 5</i>	A3	Pass
458 / 658	Inswing Double Door, Standard Sill	R	30	74 x 82"	2400 / 2400 Pa	180-220 Pa <i>See Note 5</i>	A3	Pass
458 / 658	Inswing Double Door, Standard Sill	R	20	74 x 98"	1680 / 1680 Pa	150 Pa	A3	Pass
SWINGING DOORS								
OUTSWING								
458 / 658	Outswing Single Door <i>(full glazing and camlocks)</i>	LC	50	36 x 84"	3360 / 3360 Pa	360 Pa <i>See Note 5</i>	A3	<i>See Note 6</i>
458 / 658	Outswing Single Door with Sidelites	R	40	112 x 81"	2160 / 1920 Pa	440 Pa <i>See Note 5</i>	A3	Pass
458 / 658	Outswing Single Door with Sidelites	R	35	112 x 97"	1920 / 1680 Pa	440 Pa <i>See Note 5</i>	A3	Pass
458 / 658	Outswing Double Door	R	50	74 x 81"	2400 / 2400 Pa	440 Pa <i>See Note 5</i>	A3	Pass
458 / 658	Outswing Double Door	R	35	74 x 98"	1920 / 1680 Pa	440 Pa <i>See Note 5</i>	A3	Pass

Notes:

- (1) Standard products are not necessarily manufactured to the ratings shown here. Product must be ordered with these specifications in order to achieve this performance. It is the responsibility of the customer to correctly specify the applicable building code and performance requirements. Actual performance is also size and installation dependent.
- (2) Higher test ratings are available by request depending on application.
- (3) Equivalency Evaluation: Based on a 3rd party review by a certified testing facility, SERIES 328 FIBERWALL™ FIXED and SERIES 458 FIBERWALL™ FIXED would attain performance levels equivalent to SERIES 658 FIBERWALL™ FIXED in a single unit assembly.
- (4) Equivalency Evaluation: Based on a 3rd party review by a certified testing facility, SERIES 328 FIBERWALL™ CASEMENT/AWNING would attain performance levels equivalent to SERIES 458 FIBERWALL™ CASEMENT/AWNING in a single unit assembly.
- (5) Recommended to specify magnets (inswing); camlocks (outswing); or multi-point locks (inswing/outswing).
- (6) Full NAFS testing not conducted. See other product ratings for Forced Entry Resistance.