

WINDOWS & DOORS

ALL WINDOWS AND DOORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS TO MEET THE FOLLOWING PRESSURE REQUIREMENTS.

Wind Speed	130 mph (3 sg)								
Mean Roof Height	15 Feet			30 Feet			45 Feet		
Zone	All Zones	Interior Zone	Edge Strip ¹	All Zones	Interior Zone	Edge Strip ¹	All Zones	Interior Zone	Edge Strip ¹
Size of Window or Door, A(sq ft)	Pos(+)	Neg(-)	Neg(-)	Pos(+)	Neg(-)	Neg(-)	Pos(+)	Neg(-)	Neg(-)
0 < A < 25	32	-32	-37	39	-39	-45	44	-44	-51
25 ≤ A < 50	30	-31	-35	37	-38	-42	42	-42	-48
50 ≤ A < 100	29	-30	-33	35	-37	-40	40	-41	-45
100 ≤ A < 200	28	-29	-31	34	-36	-38	38	-40	-43
200 ≤ A	26	-28	-30	32	-35	-36	36	-39	-40

¹ Edge Strip is equal to 10% of wall length not less than 3'. All other areas considered interior.

WINDBORNE DEBRIS PROTECTION

ALL GLAZED OPENINGS ARE REQUIRED TO HAVE WINDBORNE DEBRIS PROTECTION BY ONE OF THE FOLLOWING METHODS:

1. IMPACT RESISTANT GLASS
2. IMPACT RESISTANT SHUTTERS
3. INSTALLATION OF 7/16" THICK WOOD SHEATHING PRE-CUT, LABELED AND FASTENED AS PER THE FOLLOWING SCHEDULE OR OTHER SITE APPROVED METHOD:

Fastener Type	Wind Speed 130 mph (3sg)			
	Fastener Spacing (in) ¹			
	Panel Length ≤ 2 ft.	2 ft < Panel Length ≤ 4 ft.	4 ft < Panel Length ≤ 6 ft.	6 ft < Panel Length ≤ 8 ft.
Double Headed Nails ²	16	9	6	4
2 - 1/2" #6 Wood Screws ³	16	16	12	9
2 - 1/2" #8 Wood Screws ³	16	16	16	12

Notes:

1. Fasteners shall be installed at opposing ends of wood structural panel
2. Nails to be 10d common or 12 d box nails
3. Where screws are attached to Masonary or masonry/stucco, they shall be attached utilizing vibration resistant anchors having a minimum ultimate withdrawal capacity of 490 lbs.

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