



2007 Florida Building Code / Wind Loads

Retrofit windows, doors, shutters & skylights for buildings up to 30' M.R.H. / ASCE 7-05, Figure 6-3 @ 140 MPH EXPOSURE "C" for use in Broward County.

ZONE 5: 10% OF THE LEAST HORIZONTAL BUILDING DIMENSION, OR 40% OF THE MEAN ROOF HEIGHT, WHICH EVER IS SMALLER, BUT **NOT LESS THAN 3 FEET.**

*** NOTE *** THE PLANS THAT ARE PROVIDED MUST INCLUDE THE MEASUREMENTS OF THE BUILDING. IF THE DISTANCES FROM THE BUILDING CORNERS TO THE EDGES OF THE OPENINGS ARE NOT INCLUDED, **THE WORST CASE SENARIO OF ZONE 5 PRESSURES WILL BE APPLIED.**

ZONE / SQ. FT. /	Mean Roof Height							
	0-15		20		25		30	
4 10	+42.7	-46.2	+45.5	-49.3	+47.7	-51.6	+49.4	-53.5
4 20	+40.8	-44.4	+43.5	-47.3	+45.5	-49.5	+47.2	-51.4
4 50	+38.3	-41.9	+40.8	-44.6	+42.7	-46.7	+44.2	-48.5
4 100	+36.3	-39.9	+38.7	-42.6	+40.5	-44.6	+42.0	-46.2
5 10	+42.7	-57.1	+45.5	-60.9	+47.7	-63.7	+49.4	-66.1
5 20	+40.8	-53.2	+43.5	-56.8	+45.5	-59.4	+47.2	-61.6
5 50	+38.3	-48.2	+40.8	-51.4	+42.7	-53.7	+44.2	-55.7
5 100	+36.3	-44.4	+38.7	-47.4	+40.5	-49.6	+42.0	-51.4

** NOTE ** FOR EFFECTIVE AREAS BETWEEN THOSE GIVEN ABOVE, THE LOAD MAY BE INTERPOLATED, OTHERWISE USE THE LOAD ASSOCIATED WITH THE LOWER EFFECTIVE AREA. THE SQUARE FOOTAGE FOR MULLED WINDOWS SHALL BE BASED UPON THE TRIBUTARY WIDTH AS SPECIFIED BY THE PRODUCT APPROVAL NOTICE OF ACCEPTANCE.

PROVIDE CALCULATIONS TO SUPPORT ALL INTERPOLATIONS.

Replacement garage doors may use FBC Tables 1609.6(1) +1609.6(2)

Calculations;