



RESIDENTIAL GARAGE DOOR & COMMERCIAL DOOR WINDSAFE SAFETY LEVELS

ASCE 7-98/ASCE 7-02 EXPOSURE B ³							
MEAN ROOF HEIGHT	90 MPH	100 MPH	110 MPH	120 MPH	130 MPH	140 MPH	150 MPH
≤ 30' ONE & TWO STORY	SL1	SL2	SL3	SL4	SL5	SL6	SL7

ASCE 7-98/ASCE 7-02 EXPOSURE C ⁴								
MEAN ROOF HEIGHT	90 MPH	100 MPH	110 MPH	120 MPH	130 MPH	140 MPH	146 MPH	150 MPH
≤ 15' ONE STORY	SL2	SL3	SL5	SL6	SL7	SL8	SL8	SL9
≤ 25' TWO STORY	SL3	SL4	SL5	SL6	SL8	SL9	SL10	SL11

1. The above tables may be used for determining the safety level for residential garage doors installed on buildings with any roof slope and commercial doors installed on buildings with roof slope $\leq 10^\circ$.
2. Tables applicable to enclosed structures with an importance factor of 1.0 and assume a maximum of 2' of the door is located within the end zone of a structure.
3. Exposure B applies to urban and suburban areas, wooded areas, or other terrain with numerous closely spaced obstructions having the size of single-family dwellings or larger.
4. Exposure C applies to open terrain with scattered obstructions having heights generally less than 30'. This includes flat open country, grasslands, and all water surfaces in hurricane-prone regions.
5. The above tables may not be applicable for your project. Contact your local building official for wind speed and permitting requirements. A registered architect or structural engineer may also determine applicability for project specific conditions other than those listed above.