

JOB ADDRESS \_\_\_\_\_

WIND SPEED \_\_\_\_\_

EXPOSURE \_\_\_\_\_



**These Tables Are For GARAGE DOORS IN  
One and Two Family Dwellings**

Garage Doors Installed In Buildings with a  
Mean Roof Height of 30' or Less Located in Exposures B,C or D  
Table R301.2(4)

**COMPONENTS AND CLADDING WORST CASE DESIGN PRESSURE [PSF]**

160 mph wind speed zone is located east of I 95 per I.R.C Wind speed map

- 160 EXPOSURE B 9' x 7' Door = + 26.7 - 30.2
- 160 EXPOSURE B 16' x 7' Door = + 25.6 - 28.5
  
- 160 EXPOSURE C 9' x 7' Door = + 32.4 - 36.6 (1 story and max 15'
- 160 EXPOSURE C 16' X 7' Door = + 31.0 - 34.5 mean roof height)
  
- 160 EXPOSURE C 9' x 7' Door = + 37.4 - 42.3 ( 2 story and max 30'
- 160 EXPOSURE C 16' X 7' Door = + 35.9 - 39.9 mean roof height)
  
- 160 EXPOSURE D 9' x 7' Door = + 39.3 -44.4 (1 story and max 15'
- 160 EXPOSURE D 16' x 7' Door = + 37.7 -41.2 mean roof height)
  
- 160 EXPOSURE D 9' x 7' Door = + 44.3 - 50.2 ( 2 story and max 30'
- 160 EXPOSURE D 16' x 7' Door = + 42.5 - 47.4 mean roof height)

150 mph wind speed zone is located west of I 95 per I.R.C Wind speed map

- 150 EXPOSURE B 9' x 7' Door = + 22.8 - 25.8
- 150 EXPOSURE B 16' x 7' Door = + 21.8 - 24.3
  
- 150 EXPOSURE C 9' x 7' Door = + 27.6 -31.3 (1 story and max 15'
- 150 EXPOSURE C 16' x 7' Door = + 26.4 - 29.5 mean roof height)
  
- 150 EXPOSURE C 9' x 7' Door = + 32.0 - 36.2 ( 2 story and max 30'
- 150 EXPOSURE C 16' x 7' Door = + 30.6 - 34.1 mean roof height)
  
- 150 EXPOSURE D 9' x 7' Door = + 33.6 - 38.0 (1 story and max 15'
- 150 EXPOSURE D 16' x 7' Door = + 32.1 - 35.8 mean roof height)
  
- 150 EXPOSURE D 9' x 7' Door = + 37.9 - 42.9 (2 story and max 30'
- 150 EXPOSURE D 16' x 7' Door = + 36.2 - 40.4 mean roof height)

**Notes:**

- Secure existing bucks per the Product Approval or Design Professional Instructions prior to installing the door. Have product approvals available at the time of inspection.
- Glazing in Garage doors must comply with R301.2.1.2 (Glazing must be impact resistant or shuttered)