

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

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

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