

Wincore Windows & Doors

Florida Wind Speed by County (45ft Mean Roof Height)

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Florida Wind Speed by County (45ft MRH)

County	Maximum Wind Speed	Exposure "C" Load Requirements *		Exposure "D" Load Requirements *	
		Zone 4	Zone 5	Zone 4	Zone 5
Gadsden	120 mph	DP30 (+24 / -26)	DP35 (+24 / -32)	DP30 (+28 / -30)	DP40 (+28 / -38)
Hamilton					
Jefferson					
Madison					
Alachua	130 mph**	DP35 (+28 / -31)	DP40 (+28 / -38)	DP40 (+33 / -36)	DP45 (+33 / -44)
Baker					
Bradford					
Clay					
Columbia					
Duval					
Gilchrist					
Jackson					
Lafayette					
Leon					
Liberty					
Nassau					
Putnam					
Suwannee					
Taylor					
Union					
Wakulla					
Bay	140 mph ***	DP40 (+33 / -36)	DP45 (+33 / -44)	DP45 (+38 / -41)	DP55 (+38 / -51)
Calhoun					
Citrus					
Dixie					
Flagler					
Franklin					
Gulf					
Holmes					
Lake					
Levy					
Marion					
Polk					
Seminole					
St. Johns					
Sumter					
Washington					
DeSoto	150 mph ***	DP45 (+38 / -41)	DP50 (+38 / -50)	DP50 (+44 / -47)	DP60 (+44 / -58)
Glades					
Hardee					
Hernando					
Highlands					
Hillsborough					
Manatee					
Okaloosa					

Florida Wind Speed by County (45ft MRH)

County	Maximum Wind Speed	Exposure "C" Load Requirements *		Exposure "D" Load Requirements *	
		Zone 4	Zone 5	Zone 4	Zone 5
Okeechobee	150 mph ***	DP45 (+38 / -41)	DP50 (+38 / -50)	DP50 (+44 / -47)	DP60 (+44 / -58)
Orange					
Osceola					
Pasco					
Pinellas					
Volusia					
Walton					
Brevard	160 mph ***	DP50 (+43 / -46)	DP60 (+43 / -57)	DP55 (+50 / -54)	DP70 (+50 / -66)
Charlotte					
Escambia					
Hendry					
Indian River					
Santa Rosa					
Sarasota	170 mph ***	DP65 (+48 / -61)	DP65 (+48 / -64)	DP65 (+56 / -61)	DP75 (+56 / -75)
Broward #					
Collier					
Lee					
Martin					
Palm Beach					
St. Lucie	180 mph ***	DP60 (+54 / -58)	DP75 (+54 / -72)	DP70 (+63 / -68)	DP85 (+63 / -84)
Miami-Dade #					
Monroe					

Additional Notes

- 1) Pilings (if used) must be included in the "Mean Roof Height" of the structure
- 2) * - All load requirements based upon a "Mean Roof Height" of 45 ft, applicable applications must not exceed 45 ft. Calculations determined in accordance with ASCE 7-2010
- 3) ** - Areas within 1 mile of coastal mean high water line will be designated as a "Wind-Borne Debris Region" and thus require Impact Protection, per Section 1609.2 of the 2010 Florida Building Code
- 4) *** - Areas with a basic wind speed equal to or greater than 140 mph will be designated as a "Wind-Borne Debris Region" and thus require Impact Protection, per Section 1609.2 of the 2010 Florida Building Code
- 5) # - County has been designated as High Velocity Hurricane Zone (HVHZ) and will require HVHZ approval from the Florida Building Commission (FBC)
- 6) Maximum Wind Speed listed is in accordance with Figure 1609A of the 2010 Florida Building Code
- 7) Applicable applications must not exceed a "Risk Category" of II as defined by Table 1604.05 of the 2010 Florida Building Code
- 8) Per Section 1609.4.3 of the 2010 Florida Building Code, Exposure "C" should be assumed in areas greater than 1,000 ft from a large body of water, defined as any body of water with a diameter equal to or greater than 5,000 ft
- 9) Per Section 1609.4.3 of the 2010 Florida Building Code, Exposure "D" should be assumed in areas within 1,000 ft from a large body of water, defined as any body of water with a diameter equal to or greater than 5,000 ft
- 10) Zone 4 should be assumed if none of the opening is within 5 ft of the corner of the application
- 11) Zone 5 should be assumed if any of the opening is within 5 ft of the corner of the application
- 12) If the application does not confirm to all parameters detailed above, please consult local building authority before proceeding