

Wincore Windows & Doors

Florida Wind Speed by County (25ft Mean Roof Height)

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Wincore Windows & Doors

Florida Wind Speed by County (25ft MRH)

County	Maximum Wind Speed	Exposure "C" Load Requirements *		Exposure "D" Load Requirements *	
		Zone 4	Zone 5	Zone 4	Zone 5
Gadsden	120 mph	DP25 (+21 / -23)	DP30 (+21 / -29)	DP30 (+26 / -28)	DP35 (+26 / -34)
Hamilton					
Jefferson					
Madison					
Alachua	130 mph**	DP30 (+25 / -27)	DP35 (+25 / -33)	DP35 (+30 / -32)	DP40 (+30 / -40)
Baker					
Bradford					
Clay					
Columbia					
Duval					
Gilchrist					
Jackson					
Lafayette					
Leon					
Liberty					
Nassau					
Putnam					
Suwannee					
Taylor					
Union					
Wakulla					
Bay	140 mph ***	DP35 (+29 / -31)	DP40 (+29 / -39)	DP40 (+35 / -37)	DP50 (+35 / -46)
Calhoun					
Citrus					
Dixie					
Flagler					
Franklin					
Gulf					
Holmes					
Lake					
Levy					
Marion					
Polk					
Seminole					
St. Johns					
Sumter					
Washington					
DeSoto	150 mph ***	DP40 (+33 / -36)	DP45 (+33 / -44)	DP45 (+40 / -43)	DP55 (+40 / -53)
Glades					
Hardee					
Hernando					
Highlands					
Hillsborough					
Manatee					
Okaloosa					

Florida Wind Speed by County (25ft MRH)

County	Maximum Wind Speed	Exposure "C" Load Requirements *		Exposure "D" Load Requirements *	
		Zone 4	Zone 5	Zone 4	Zone 5
Okeechobee	150 mph ***	DP40 (+33 / -36)	DP45 (+33 / -44)	DP45 (+40 / -43)	DP55 (+40 / -53)
Orange					
Osceola					
Pasco					
Pinellas					
Volusia					
Walton					
Brevard	160 mph ***	DP45 (+38 / -41)	DP50 (+38 / -50)	DP50 (+45 / -49)	DP60 (+45 / -60)
Charlotte					
Escambia					
Hendry					
Indian River					
Santa Rosa					
Sarasota	170 mph ***	DP50 (+43 / -46)	DP60 (+43 / -57)	DP55 (+51 / -55)	DP70 (+51 / -68)
Broward #					
Collier					
Lee					
Martin					
Palm Beach					
St. Lucie	180 mph ***	DP55 (+48 / -52)	DP65 (+48 / -64)	DP65 (+57 / -62)	DP80 (+57 / -76)
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 25 ft, applicable applications <u>must not</u> exceed 25 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 <u>greater</u> than 600 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 <u>within</u> 600 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 <u>none</u> of the opening is <u>within</u> 5 ft of the corner of the application
11) Zone 5 should be assumed if <u>any</u> of the opening is <u>within</u> 5 ft of the corner of the application
12) If the application does not confirm to <u>all</u> parameters detailed above, please consult local building authority before proceeding