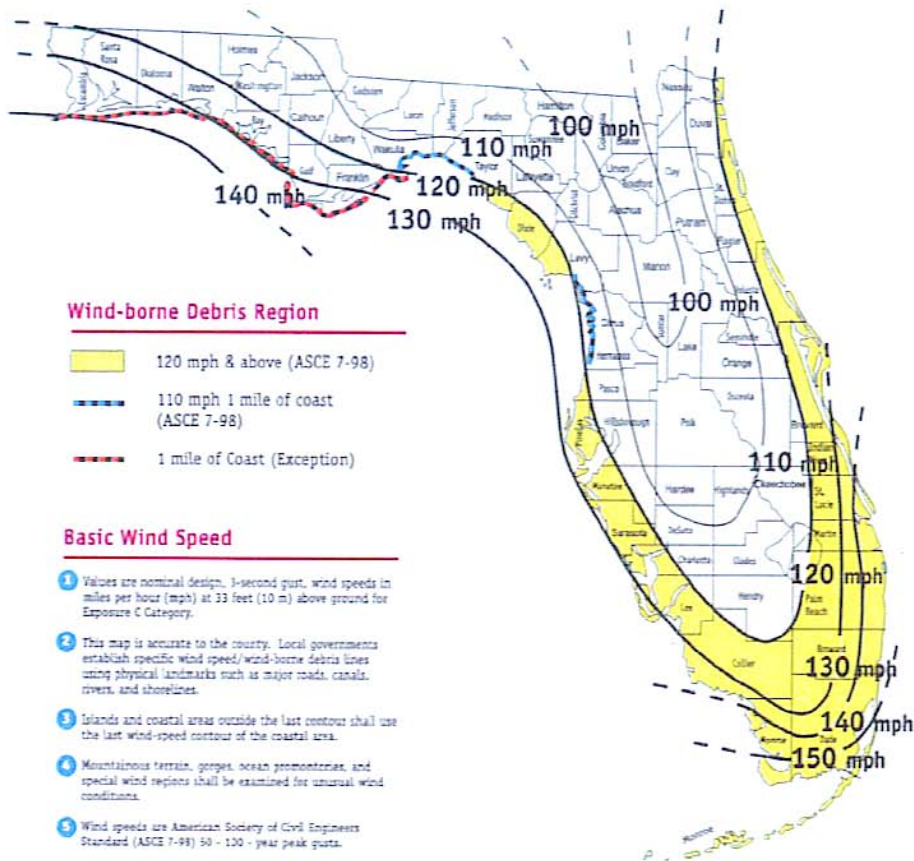


State of Florida

Wind-Borne Debris Region



www.florida-building.org



ANCHOR SCHEDULE NOTES

1) 1/4" TAPCONS SHALL BE BY ITW , AS LISTED IN APPROPRIATE ANCHOR

SCHEDULE. "ELCO PANELMATE" ANCHORS MAY BE MALE ONLY, AS ILLUSTRATED.

2) ENSURE MINIMUM EDGE DISTANCE FOR ALL ANCHORS PER RESPECTIVE ANCHOR

SCHEDULE. EDGE DISTANCE OF 3/4" IS ACCEPTABLE FOR ANCHORS TO WOOD. REFERENCE ANCHOR SCHEDULE FOR MINIMUM EDGE DISTANCE REQUIREMENTS FOR THESE ANCHORS.

3) MINIMUM EMBEDMENT SHALL BE AS NOTED IN ANCHOR SCHEDULE. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDES STUCCO, FOAM, BRICK, AND OTHER WALL FINISHES.

4) ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS.

5) WHERE EXISTING STRUCTURE IS WOOD FRAMING, EXISTING CONDITIONS MAY VARY. FIELD VERIFY THAT ANCHORS ARE INTO ADEQUATE WOOD FRAMING MEMBERS, NOT INTO PLYWOOD.





6) ANCHORS FASTENED TO NARROW FACE OF STUD FRAMING SHALL BE LOCATED IN CENTER OF NOMINAL 2x4 (MIN) WOOD STUD (i.e. 3/4" EDGE DISTANCE IS ACCEPTABLE FOR ANCHORS TO WOOD FRAMING). WOOD STRUCTURE SHALL BE "SOUTHERN PINE" G=0.55 OR GREATER DENSITY.


7) ANCHOR SCHEDULE APPLIES FOR ALL PRODUCTS CERTIFIED HEREIN, BUT ONLY PROVIDES MAXIMUM ALLOWABLE ANCHOR SPACING. MAXIMUM ALLOWABLE SPANS AND PRESSURES INDICATED IN SPAN SCHEDULE SHALL APPLY.

8) MACHINE SCREWS SHALL HAVE MINIMUM OF 1/4" ENGAGEMENT OF THREADS IN BASE ANCHOR AND MAY HAVE A PAN HEAD, TRUSS HEAD, OR WAFER HEAD ("SIDEWALK BOLT") U.N.O.




9) ✕ DESIGNATES ANCHORS WHICH ARE REMOVABLE AND MAY BE USED FOR DIRECT MOUNT INSTALLATIONS.

ANCHOR SCHEDULE 3 - HOLLOW CONCRETE BLOCK FASTENERS

	Uniform Load (psf)	2" MINIMUM EDGE DISTANCE		
		Spans Up to 4'-4" Connection Type C1	Spans Up to 6'-4" Connection Type C1	Spans Up to 9'-4" Connection Type C1
1/4" ELCO PANELMATE (MALE) W/ 1-1/4" MIN. EMBED 	22	10"	10"	10"
	38	10"	8"	6"
	47	10"	7"	5"
	54	9"	6"	5"
	61	8"	6"	4"
1/4-20 ALL POINTS SOLID-SET ANCHOR W/ 7/8" MIN. EMBED 	22	12"	12"	12"
	38	12"	11"	8"
	47	12"	9"	7"
	54	11"	8"	6"
	61	10"	7"	6"
1/4" ELCO PANELMATE (FEMALE) W/ 1-1/4" MIN. EMBED 	18	10"	10"	10"
	36	10"	8"	6"
	47	9"	6"	5"
	54	8"	6"	4"
	61	7"	5"	4"
1/4" Sammy's Hurricane Fastener w/ 1/4-20 Internal Thread; 1-1/4" MIN EMBED 	18	10"	10"	10"
	36	10"	8"	6"
	47	9"	6"	5"
	54	8"	6"	4"
	61	7"	5"	4"

 DESIGNATES ANCHORS WHICH ARE REMOVABLE AND MAY BE USED FOR DIRECT MOUNT INSTALLATIONS.

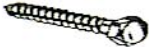




ANCHOR SCHEDULE 2 - CONCRETE FASTENERS

	Uniform Load (psf)	2" MINIMUM EDGE DISTANCE		
		Spans Up to 4'-4" Connection Type C1	Spans Up to 6'-4" Connection Type C1	Spans Up to 9'-4" Connection Type C1
1/4" TAPCON (ELCO) W/ 1-3/4" MIN. EMBED (3200 psi MIN. CONCRETE) 	29	12"	12"	12"
	38	12"	12"	9"
	47	12"	11"	8"
	54	12"	10"	7"
	72	10"	8"	6"
1/4" ELCO PANELMATE (MALE) W/ 1-3/4" MIN. EMBED (3200 psi MIN. CONCRETE) 	25	12"	12"	12"
	38	12"	12"	9"
	47	12"	10"	7"
	54	12"	9"	6"
	66	10"	8"	6"
1/4-20 ALL POINTS SOLID-SET ANCHOR W/ 7/8" MIN. EMBED (3200 psi MIN. CONCRETE) 	25	18"	18"	18"
	29	18"	18"	16"
	47	18"	15"	11"
	54	18"	13"	10"
	72	14"	10"	8"



DESIGNATES ANCHORS WHICH ARE REMOVABLE AND MAY BE USED FOR DIRECT MOUNT INSTALLATIONS.

ANCHOR SCHEDULE 1 - WOOD FRAME FASTENERS

	Uniform Load (psf)	3/4" MINIMUM EDGE DISTANCE		
		Spans Up to 4'-2" Connection Type C1	Spans Up to 6'-2" Connection Type C1	Spans Up to 9'-2" Connection Type C1
#14 WOOD SCREW W/ 1-1/2" MIN. EMBED 	28	18"	18"	18"
	38	18"	18"	14"
	47	18"	16"	12"
	54	18"	15"	11"
	60	18"	14"	10"
1/4" TAPCON (ITW) W/ 1-1/2" MIN. EMBED 	21	12"	12"	12"
	28	12"	12"	10"
	47	12"	9"	7"
	54	10"	8"	6"
	60	10"	7"	6"
1/4" ELCO PANELMATE (MALE) W/ 1-1/2" MIN. EMBED 	21	12"	12"	12"
	38	12"	11"	9"
	47	12"	10"	7"
	54	12"	9"	7"
	60	11"	8"	6"
1/4" ELCO PANELMATE (FEMALE) W/ 1-1/2" MIN. EMBED 	24	12"	12"	12"
	38	12"	11"	9"
	47	12"	10"	7"
	54	12"	9"	7"
	69	10"	7"	6"
3/16" Sammy's Hurricane Fastener w/ 1/4-20 Internal Thread; 1-1/2" MIN. EMBED 	24	12"	12"	12"
	38	12"	12"	9"
	47	12"	11"	8"
	54	12"	10"	7"
	69	11"	8"	6"

 DESIGNATES ANCHORS WHICH ARE REMOVABLE AND MAY BE USED FOR DIRECT MOUNT INSTALLATIONS.

Exposure C Design Pressures

100 MPH Wind Speed		110 MPH Wind Speed		120 MPH Wind Speed		130 MPH Wind Speed		140 MPH Wind Speed		150 MPH Wind Speed	
Zone 4	Zone 5	Zone 4	Zone 5	Zone 4	Zone 5	Zone 4	Zone 5	Zone 4	Zone 5	Zone 4	Zone 5
For Mean Roof Height 0-15 feet											
+21.8/-23.6	+21.8/-29.2	+26.4/-28.6	+26.4/-35.2	+31.3/-34	+31.3/-42	+36.8/-39.9	+36.8/-49.2	+42.7/-46.2	+42.7/-57.1	+49/-53.1	+49/-65.6
For Mean Roof Height 15-20 feet											
+23.1/-25.2	+23.2/-31.1	+28.1/-30.4	+28.1/-35.5	+33.4/-36.2	+33.4/-44.8	+39.2/-42.6	+39.2/52.5	+45.5/-49.3	+45.5/-60.9	+52.2/-56.6	Outside of Design Pressure
For Mean Roof Height 20-25 feet											
+24.3/-26.3	+24.3/-32.5	+29.4/-31.9	+29.4/-39.3	+35/-37.9	+35/-46.8	+41/-44.6	+41/-54.9	+47.7/-51.6	+47.7/-63.7	+54.7/-59.3	Outside of Design Pressure
For Mean Roof Height 25-30 feet											
+35.2/-27.3	+25.2/-33.7	+30.5/-33	+30.5/-40.7	+36.3/-39.3	+36.3/-46.6	+42.6/-46.2	+42.6/-57	+49.4/-53.5	Outside of Design Pressure	+56.7/-61.5	Outside of Design Pressure

The DESIGN PRESSURE for the given DESIGN WIND ZONE in this Chart are based on the following:

(1) 2003 Edition of the IBC using the Simplified Loads found in Chapter 16. Reference Charts 1609.6B and 1609.6D.

(2) Importance Factor is 1.0

(3) Effective Area is 10 sq. ft. for purposes of worst case assumption

(4) Mean roof height less than or equal to 30 feet (2 stores)

(5) Residential structure located in EXPOSURE C - per ASCE 7-02 Barrier Islands and other Coastal or open exposures

(6) Zone 4 = Interior Zones (Walls located Outside a)

(7) Zone 5 = Exterior Zones (Walls Located Inside a)

if your residence does not meet these criteria, please consult our Engineering Documents & Specifications at www.hendee.com.