

# 29 GA. PANEL-LOC PLUS ROOF PANEL LOAD TABLE OVER 15/32 PLYWOOD

CENTRAL STATES  
MANUFACTURING,  
INC.

Buildings having a Roof Mean Height  $\leq 20'-0"$ ; Roof Slope:  $2"/12"$  -  $6"/12"$  Gable or Hip Roof  
Wind Speeds 150-180 mph, Exp C, Risk Category II, Enclosed Bldg. based on FLORIDA BUILDING CODE 2010

29 GA. PANEL-LOC PLUS PANEL FASTENER SPACING						
ZONE	FASTENER	SUBSTRATE	WIND SPEED ZONE			
			150	160	170	180
			ON CENTER SPACING	ON CENTER SPACING	ON CENTER SPACING	ON CENTER SPACING
ZONE 1	#10 x 1-1/2"	15/32" PLYWOOD	24"	24"	24"	24"
ZONE 2	#10 x 1-1/2"	15/32" PLYWOOD	24"	24"	24"	24"
ZONE 3	#10 x 1-1/2"	15/32" PLYWOOD	12"	12"	12"	12"

**PANEL DESCRIPTION:** 29 GA. GRADE 80, 36" COVERAGE, 3/4" TALL.

**PANEL ROLLFORMER:** BRADBURY.

**PANEL FASTENER:** (1) #10 x 1-1/2" KWIKSEAL II WOODBINDER W/ SEALING WASHER.

**MAXIMUM ALLOWABLE PANEL UPLIFT PRESSURE:** 101.0 PSF @ 24" FASTENER SPACING, 168.5 PSF @ 12" FASTENER SPACING BASED ON TAS 125, UL 580/UL 1897 TESTING.

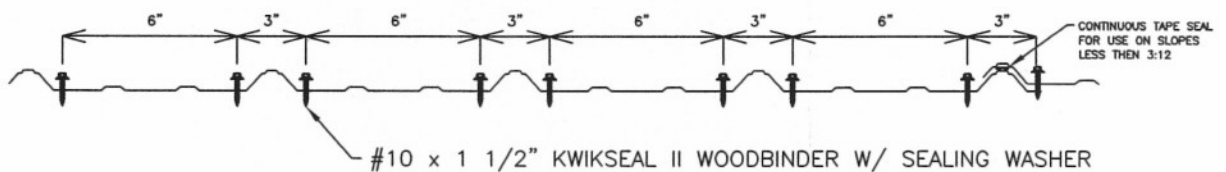
**PLYWOOD DECKING:** MIN. 15/32" THICK. PLYWOOD MUST BE DESIGNED IN ACCORDANCE WITH FBC 2010.

**ROOF SLOPE:** ON ROOF SLOPES LESS THAN 3:12, LAP SEALANT MUST BE USED IN PANEL SIDE LAPS.

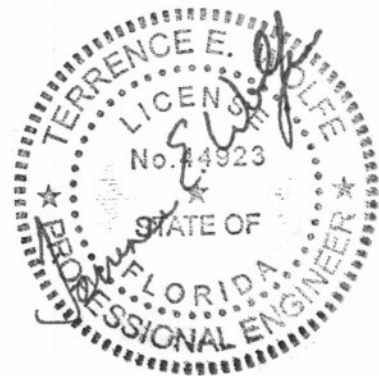
**LOAD TABLE** BASED ON WIND PRESSURES CALCULATED PER ASCE 7-10 ( $K_d=0.85$ ) MULTIPLIED BY 0.6 PER FBC 2010, SECTION 1609.1.5.

**LOAD TABLE DOES NOT INCLUDE OVERHANG ZONES**

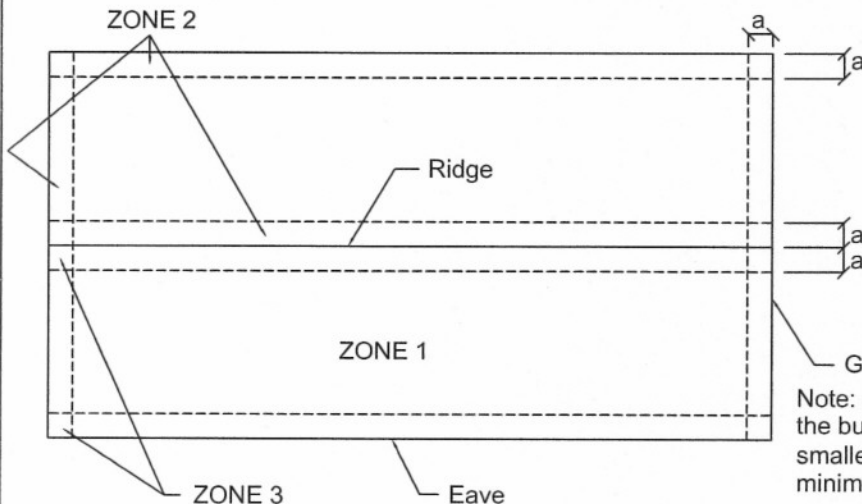
### FASTENER PATTERN



State of Florida  
C.O.A.  
# 26778



JAN 25 2012



Note: Dimension (a) is defined as 10% of the minimum width of the building or 40% of the mean height of the roof, whichever is smaller, however, (a) cannot be less than either 4% of the minimum width of the building or 3 feet.