

SENTRIGARD ML 100H, 24 GA., 16 1/2" WIDE LOAD TABLE OVER 15/32" PLYWOOD

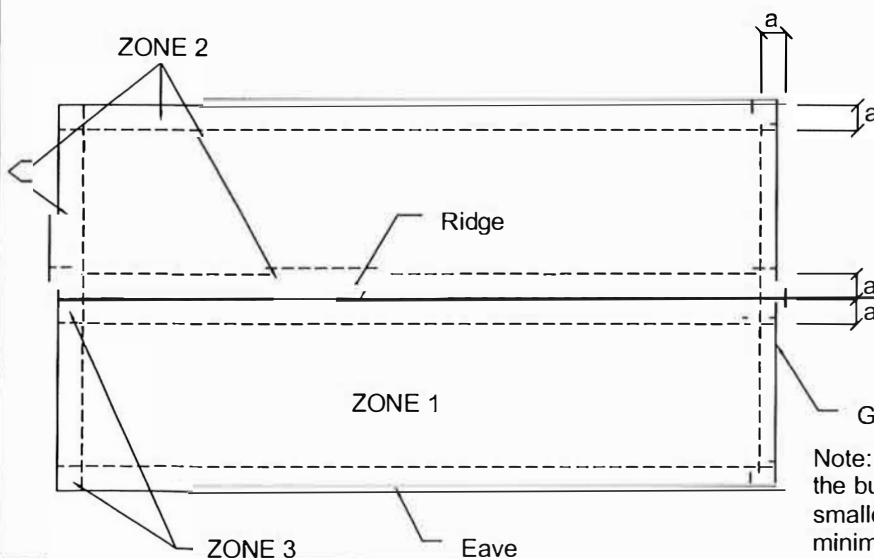
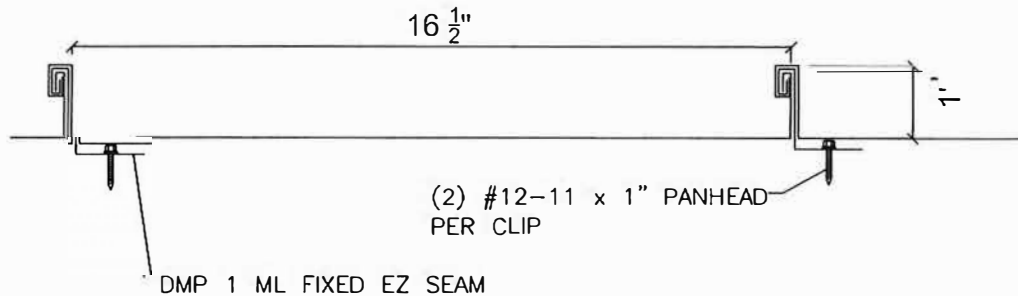


SENTRIGARD
METAL ROOFING SYSTEMS

Buildings having a Roof Mean Height \leq 20'-0"; Roof Slope: 2"/12" -6"/12" Gable or Hip Roof
Wind Speeds 140-180 mph, Exp C, Risk Category II, Enclosed Bldg. based on FLORIDA BUILDING CODE 2010

SENTRIGARD ML 100H, 24 GA., 16" WIDE, CLIP SPACING							
ZONE	FASTENER	SUBSTRATE	WIND SPEED ZONE				
			140	150	160	170	180
			ON CENTER SPACING	ON CENTER SPACING	ON CENTER SPACING	ON CENTER SPACING	ON CENTER SPACING
ZONE 1	(2) #12-11 x 1"	15/32" CDX PLYWOOD	24"	24"	24"	24"	24"
ZONE 2	(2) #12-11 x 1"	15/32" CDX PLYWOOD	24"	24"	24"	6"	6"
ZONE 3	(2) #12-11 x 1"	15/32" CDX PLYWOOD	6"	6"	6"	6"	6"

- 1) **PANEL DESCRIPTION:** 1" MECHANICAL LOCK, MIN. 24 GA., 16 1/2" MAX WIDTH, DOUBLE LOCK SEAM.
- 2) **PANEL FASTENER:** (2) #12-11 x 1" TYPE A PANCAKE HEAD PER CLIP.
- 3) **PANEL CLIP:** DMP 1 ML FIXED EZ SEAM, 24 GA. FIXED CLIP
- 4) **MAXIMUM ALLOWABLE PANEL UPLIFT PRESSURE:** 71.0 PSF @ 24" O.C., 138.5 PSF @ 6" O.C. PRESSURE BASED ON UL 580/UL 1897 TESTING BY FORCE ENGINEERING TEST REPORT #72-0198T-07A-C.
- 5) **PLYWOOD DECKING:** MIN. 15/32" THICK, APA RATED PLYWOOD. MUST BE DESIGNED IN ACCORDANCE WITH FBC 2010.
- 6) **PANEL ROLLFORMER:** SCHLEBACH QUADRO-PLUS ROLLFORMER BY METALFORMING, INC.
- 7) **LOAD TABLE BASED ON WIND PRESSURES CALCULATED PER ASCE 7-10 (Kd=0.85) MULTIPLIED BY 0.6 PER FBC 2010, SECTION 1609.1.5.**
- 8) **LOAD TABLE DOES NOT INCLUDE OVERHANG ZONES**



State of Florida
C.O.A.
26778



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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.