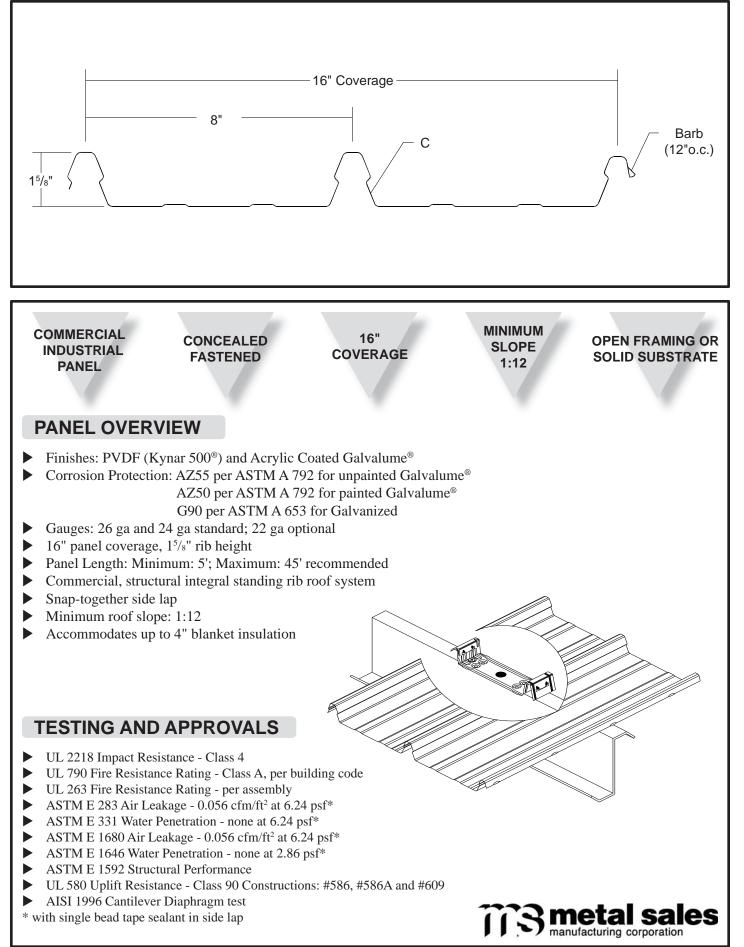
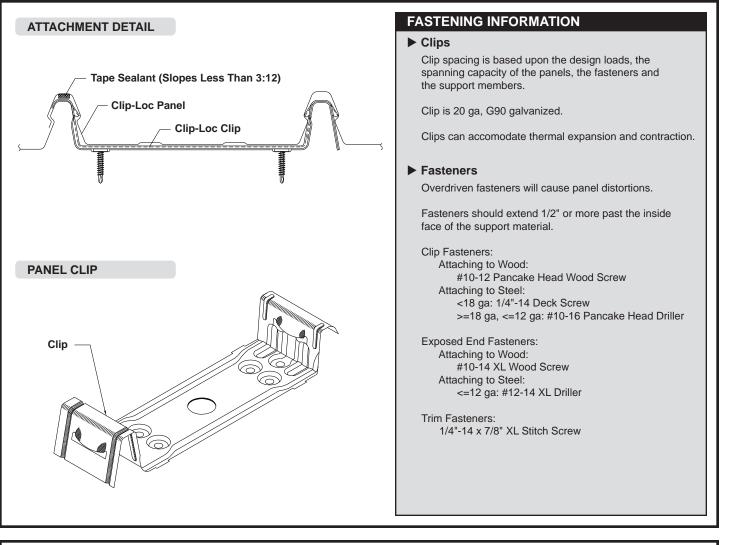
CLIP-LOC



CLIP-LOC





SECTION PROPERTIES									ALLOWABLE UNIFORM LOADS, psf For various clip spacings											
Ga	Width in	Yield ksi	Weight psf	Top In Compression Bottom In (ompression	Inward					Outward							
				lxx in⁴/ft	Sxx in³/ft	lxx in⁴/ft	Sxx in³/ft	Load					Load							
								2.5'	3'	3.5'	4'	4.5'	5'	2.5'	3'	3.5'	4'	4.5'	5'	
26	16	50	1.00	0.0919	0.0761	0.0473	0.0573	208	146	108	83	65	53	45	42	40	37	35	32	
24	16	50	1.30	0.1185	0.0983	0.0638	0.0756	274	192	142	109	86	70	58	49	42	37	32	29	
22	16	50	1.69	0.1523	0.1272	0.0878	0.1005	363	255	188	145	1115	93	56	47	40	35	31	28	

1. Theoretical section properties have been calculated per AISI 2007 'North American Specification for the Design of Cold-Formed Steel Structural Members'. Ixx and Sxx are effective section properties for deflection and bending.

 Allowable loads are calculated in accordance with AISI 2007 specifications considering bending, shear, combined bending and shear, deflection and ASTM E 1592 uplift testing. Allowable loads consider the 3 or more equal spans condition. Allowable loads do not address web crippling, fasteners or support material. Panel weight is not considered.

3. Deflection consideration is limited by a maximum deflection ratio of L/180 of span.

4. Allowable loads do not include a 1/3 stress increase for wind.

metal sales manufacturing corporation



Anchorage, AK 866.640.7663 Bay City, MI 888.777.7640 Deer Lake, PA 800.544.2577 Denver, CO 800.289.7663 Detroit Lakes, MN 888.594.1394 Fontana, CA 800.782.7953 Fort Smith, AR 877.452.3915 Independence, MO 800.747.0012 Jacksonville, FL 800.394.4419 Jefferson, OH 800.321.5833 Mocksville, NC 800.228.6119 Nashville, TN 800.251.8508 Rock Island, IL 800.747.1206 Rogers, MN 800.328.9316 Seattle, WA 800.431.3470 Sellersburg, IN 800.999.7777 Sioux Falls, SD 888.902.8320 Spokane, WA 800.572.6565 Temple, TX 800.543.4415 Woodland, CA 800.759.6019

www.metalsales.us.com