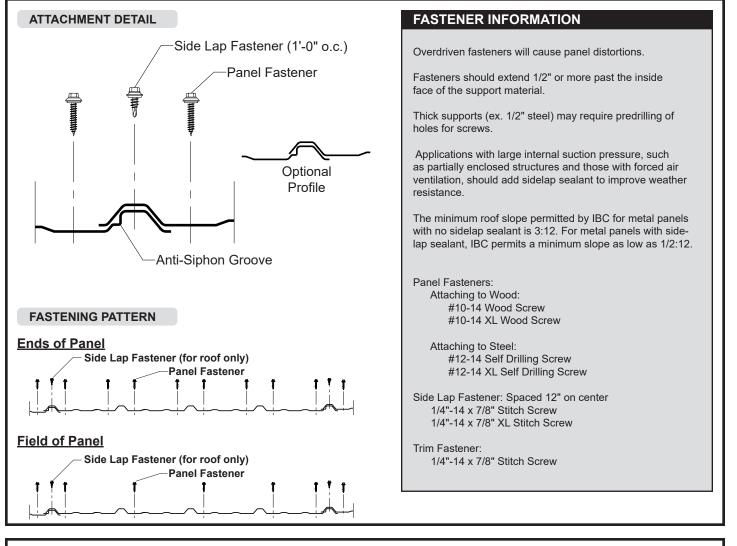


* uses tape sealant and stitch screws 1' on center in side lap

Metal Sales

PRO-PANEL II®

Condensed Technical Reference



	SECTION PROPERTIES									ALLOWABLE UNIFORM LOADS, psf For various fastener spacings											
		Width in	Yield ksi	Weight psf		mpression	Bottom In Compression		Inward Load					Outward Load							
	Ga				lxx in⁴/ft	Sxx in³/ft	lxx	Sxx in³/ft													
							in⁴/ft		1.5'	2'	2.5'	3'	3.5'	4'	1.5'	2'	2.5'	3'	3.5'	4'	
	29	36	80	0.62	0.0060	0.0123	0.0043	0.0128	155	88	57	40	27	18	150	85	55	38	27	18	
	26	36	80	0.79	0.0083	0.0171	0.0057	0.0165	200	114	73	51	34	23	207	118	76	53	34	23	

1. Theoretical section properties have been calculated per AISI 2016 'North American Specification for the Design of Cold-Formed Steel Structural Members'. Ixx and Sxx are effective section properties for deflection and bending.

 Allowable load is calculated in accordance with AISI 2016 specifications considering bending, shear, combined bending & shear and deflection. Allowable load does not address web crippling, fasteners, support material or load testing. Allowable load considers the three or more equal spans condition. 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.

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