



**Features:**

- Horizontal or Vertical Installation

**Finish Options:**

ProFinish 500 (PVDF) Colors & Acrylic Coated Galvalume®

**Panel Lengths:** Up to 20'-0"

**Clarifications:**

Perforated available

**Panel Depth:** 3"

**Panel Coverage:** 24"

**Material Options:**

Available gauges: 24ga. standard, 22

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Section Properties								Allowable Loads - PSF (3 or more equal spans)											
Panel Ga.	Width (in.)	Yield KSI	Weight PSF	Ixx In <sup>4</sup> /ft	Sxx In <sup>3</sup> /ft	Ixx In <sup>4</sup> /ft	Sxx In <sup>3</sup> /ft	Inward Load						Outward Load					
				Panel Top in Compression	Panel Bottom in Compression	5'	6'	7'	8'	10'	12'	5'	6'	7'	8'	10'	12'		
24	24"	50	1.78	0.5390	0.3037	0.5785	0.3264	261	189	143	112	73	51	248	179	134	105	68	48
22	24"	50	2.35	0.7795	0.4620	0.8325	0.4934	430	305	227	175	113	79	406	287	213	164	106	74
20	24"	33	2.79	1.0060	0.6235	1.0660	0.6587	391	274	203	156	101	70	371	261	193	148	95	66
18	24"	33	3.67	1.4100	0.9068	1.4750	0.9404	557	392	290	223	144	100	539	378	280	215	138	96

1. Section properties and allowable loads are calculated per AISI 2001 including 2004 Supplement
2. "Ixx" and "Sxx" are effective section properties for deflection and bending
3. Allowable loads/spans are calculated considering bending, shear, combined bending & shear & deflection
4. Allowable loads/spans calculations do not include consideration for web crippling, fastener/ connection limitations or uplift testing
5. Allowable loads/spans do not include a 1/2 stress increase
6. Allowable loads for 24 ga.on 16 ga. purlins are based on ASTM E-1592 test results

**AIR INFILTRATION:** Resistance to air infiltration: 0.007 cfm per lineal foot of joint when tested in accordance with ASTM E-283 at static test pressure differential of 12.00 psf

**WATER INFILTRATION:** Resistance to water infiltration: No leakage through panel joints in accordance with ASTM E-331 at static test pressure differential at 12.00 psf.