



**Features:**

- Horizontal or Vertical Installation
- Applied over solid substrate with proper underlayment
- Mitered corners available

**Panel Lengths:**

Up to 50' lengths  
minimum panel length is 2'-0"

**Panel Depth:**

7/8"

**Panel Coverage:**

16" wide

**Material Options:**

Aluminum .032" and 16 & 20 oz Copper/Zinc  
24 gauge Standard, 22 gauge optional

**Finish Options:**

ProFinish 500 (PVDF) Colors & Acrylic  
Coated Galvalume®

**Clarifications:**

Section Properties							Allowable Loads - PSF (3 or more equal spans)											
Panel Ga.	Width (in.)	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													
			2'	3'	4'	5'	6'	7'	2'	3'	4'	5'	6'	7'				
24	16	1.47	0.040	0.081	0.041	0.0801	675	260	110	56	33	20	675	260	110	56	33	20
22	16	1.84	0.054	0.112	0.054	0.1029	9333	351	148	76	44	28	9333	351	148	76	44	28

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.