



Features:

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

Panel Lengths:

Minimum panel length - 2'-0"
 Maximum panel length - 20'-0"

Panel Depth:

7/8"

Panel Coverage:

16" wide

Material Options:

24 gauge Standard, 22 gauge optional - Steel
 0.032 and 0.040 - Aluminum
 16 oz and 20 oz - Copper
 0.8 mm and 1.0 mm - Zinc

Finish Options:

ProFinish 500 (PVDF) Colors & Acrylic Coated
 Galvalume®, Woodgrain & Specialty finishes upon request

Section Properties							Allowable Loads - PSF (3 or more equal spans)											
Panel Ga.	Width (in.)	Weight PSF	Ixx In ⁴ /ft	Sxx In ³ /ft	Ixx In ⁴ /ft	Sxx In ³ /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
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: N/A

WATER INFILTRATION: Resistance to water infiltration: N/A