



Features:

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

Finish Options:

- ProFinish 500 (PVDF) Colors & Acrylic Coated Galvalume®
- Perforated

Panel Lengths

-Available up to 40'

Panel Width

-37" Coverage

Panel Depth

-7/8"

Gauges

- 24, 22, 20 Ga Galvanized
- 22 Ga A606

Section Properties								Allowable Loads - PSF (3 or more equal spans)											
Panel Ga.	Width	Yield KSI	Weight PSF	1xx In ⁴ /ft.		5xx 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	29.33	50	1.33	0.0338	0.0801	0.0338	0.0801	156	143	131	113	99	80	156	143	131	113	99	80
22	29.33	50	1.73	0.0450	0.1029	0.0450	0.1029	574	373	262	173	116	59	574	373	262	173	116	59
20	29.33	33	2.11	0.0525	0.1234	0.0525	0.1234	454	295	207	153	117	69	454	295	207	153	117	69

- Theoretical section properties have been calculated per ANSI 2007 "North American Specification for Design of Cold-Formed Steel Structural Member." 1xx and 5xx are effective section properties for deflection and bending.
- Allowable load is calculated in accordance with ANSI 2007 specifications considering bending, shear, combined bending and shear deflection. Allowable load considers the 3 or more equal spans condition. Allowable load does not address web crippling, fasteners, support material or load testing. Panel weight is not considered.
- Deflection consideration is limited by a maximum deflection ratio of L/180 of span.
- Allowable loads do not include a 1/3 stress increase for wind.

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

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