

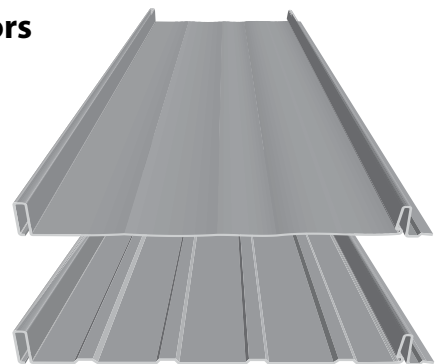
Image II Panel

Metal Sales Manufacturing Corporation



Architectural Standing Seam Metal Roof Panel

- ▶ Choose from MS Colorfast45[®], PVDF or Acrylic Coated Galvalume[®]
- ▶ Available in a wide variety of ENERGY STAR[®] listed colors
- ▶ 26 ga. standard, 24 ga. available at select branches
- ▶ Installs over a solid substrate
- ▶ Minimum roof slope 3:12

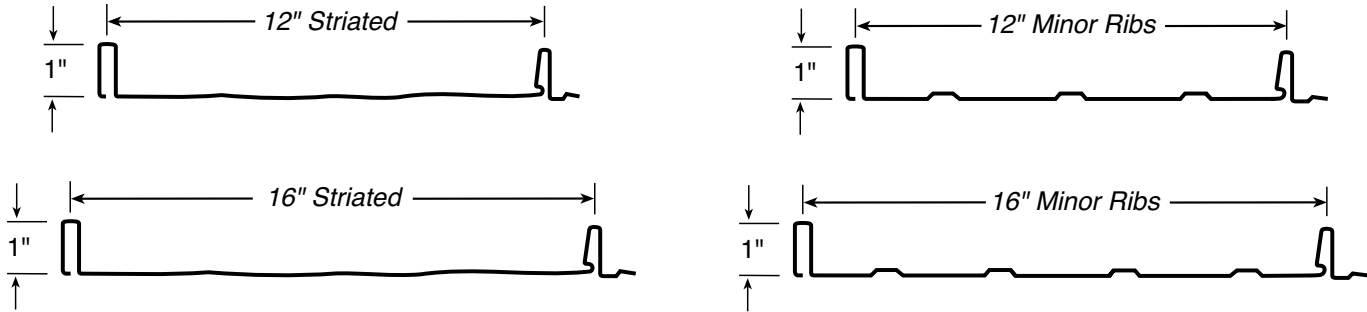


800.406.7387
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ms metal sales[™]
manufacturing corporation

IMAGE II PANEL

PANEL PROFILES*



*Not all profiles are available at all branches. Fastening leg may vary slightly from what's shown.

PANEL INFORMATION

- ▶ 12" and 16" panel coverage
- ▶ Gauges: 26 ga. and 24 ga.
- ▶ Minimum roof slope: 3:12
- ▶ ENERGY STAR® colors with a 45 year paint warranty
- ▶ Concealed fasteners help enhance the beauty of any project

TESTING AND APPROVALS

- ▷ UL 790 Class A Fire Resistance Rating, per building code
- ▷ UL 263 Fire Resistance Rating - per assembly
- ▷ UL 2218, Class 4 Impact Resistance
- ▷ UL 580, Class 90 Wind Uplift, Construction #529
- ▷ Miami-Dade County, Florida NOA 14-0107.04 expires 8/8/2018
- ▷ Texas Windstorm - Evaluation RC-162, and RC-399
- ▷ ICC Evaluation Report - ESR-2385
- ▷ 2017 FBC Approvals:
 - 26 ga. over 7/16" OSB FL 14645.12
 - 26 ga. over 1/2" Plywood FL 11560.4
 - 26 ga. over 5/8" Plywood FL 11560.5
 - 0.032" Aluminum over 7/16" OSB 11560.2
 - 0.032" Aluminum over 5/8" Plywood 11560.3

GENERAL INFORMATION

- ▶ **Features:** Image II panels will not warp, split, crack or curl and are impervious to mildew, rot, termites and pests. Installation over solid substrate is a snap.
- ▶ **Substructure:** Image II is designed to be utilized over a solid substrate. To avoid panel distortion, use a properly aligned and uniform substructure.
- ▶ **Length:** Minimum factory cut length is 5'-0". Maximum recommended panel length is 30'-0". Longer panels require additional considerations in packaging, shipping and erection. Please consult Metal Sales for recommendations.
- ▶ **Fasteners:** The fastener selection guide should be consulted for choosing the proper fastener for specific applications. Quantity and type of fastener must meet necessary loading and code requirements.
- ▶ **Finishes:** Acrylic Coated Galvalume®, MS Colorfast45® or various PVDF colors.

For all specific warranty, application, installation and technical information regarding these products, contact your representative.

LOAD TABLE

SECTION PROPERTIES								ALLOWABLE UNIFORM LOADS psf (3 or More Equal Spans)			
Ga.	Width in	Yield ksi	Weight psf	Top In Compression		Bottom In Compression		Outward Load			
				lxx in ⁴ /ft	Sxx in ³ /ft	lxx in ⁴ /ft	Sxx in ³ /ft	0'-6"	1'-0"	1'-6"	2'-0"
26	16	50	0.92	0.0165	0.0174	0.0165	0.0177	103	96	90	84
24	16	50	1.19	0.0210	0.0226	0.0210	0.0226	103	96	90	84

1. Theoretical section properties have been calculated per AISI 2012. "Specification for the Design of Cold-Formed Steel Structural Members". lxx and Sxx are effective section properties for deflection and bending.
2. Allowable load is calculated in accordance with AISI 2012 specifications considering bending, shear, combined bending and shear, deflection and UL 580 uplift testing using #10-12 Pancake Wood Screws into 5/8" plywood. Allowable load considers the 3 or more equal span conditions. Allowable load does not address web crippling, or support material. 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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