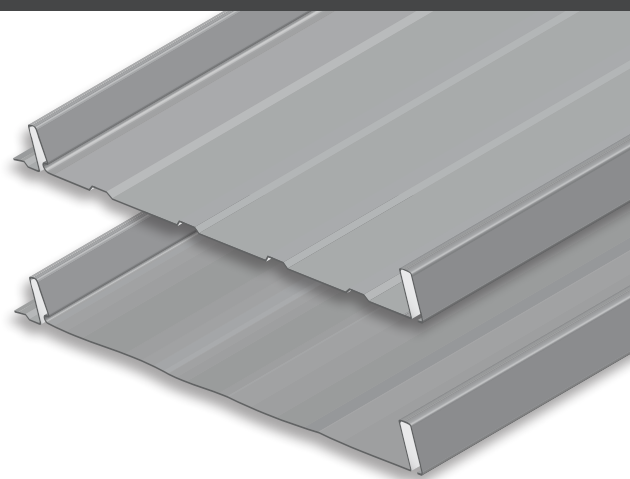


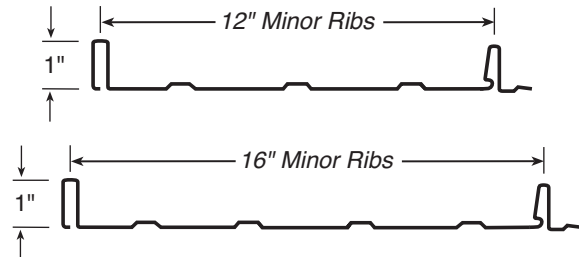
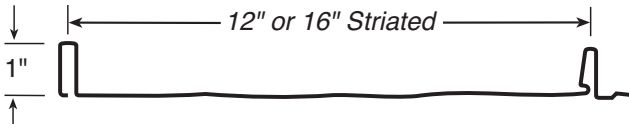
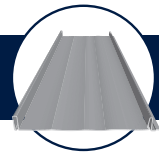


Concealed Fastener Metal Roof Panel

- Direct-fastened snap-seam panel
- 26 ga. and 24 ga. standard
- Minimum roof slope 3:12
- Available in a wide variety of colors
- Installs over a solid substrate



800.406.7387
metalsales.us.com



PANEL INFORMATION

- ▷ 12" or 16" panel coverage, 1" rib height
- ▷ Gauge: 26 ga. & 24 ga.
- ▷ Minimum roof slope: 3:12
- ▷ Concealed fasteners help enhance the beauty of any project

TESTING AND APPROVALS

- ▷ UL 2218 Impact Resistance - Class 4
- ▷ UL 790 Fire Resistance Rating - Class A, per building code
- ▷ UL 263 Fire Resistance Rating - per assembly
- ▷ UL 580 Uplift Resistance - Class 90 Construction: #529
- ▷ Miami-Dade County approved, NOA 23-0711.05
- ▷ Texas Department of Insurance Evaluation Reports, RC-162, RC-398 and RC-399
- ▷ ICC Evaluation Report - ESR-2385
- ▷ 2023 FBC Approvals
 - 26 Gauge Over:**
 - 7/16" OSB, FL14645.10
 - 1/2" Plywood, FL42034.2
 - 1/2" Plywood, FL11560.4
 - 0.032" Aluminum Over:**
 - 7/16" OSB, FL11560.2
 - 1/2" Plywood, FL42034.1
 - 1/2" Plywood, FL11560.3

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:** MS Colorfast45® & 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 For various fastener spacings			
Ga	Width in	Yield ksi	Weight psf	Top In Compression		Bottom In Compression		Outward Load			
				Ixx in ⁴ /ft	Sxx in ³ /ft	Ixx in ⁴ /ft	Sxx in ³ /ft	0.5'	1'	1.5'	2'
26	12	50	0.99	0.0209	0.0231	0.0211	0.0232	103	96	90	84
24	12	50	1.28	0.0268	0.0295	0.0268	0.0295	103	96	90	84
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

- Theoretical section properties have been calculated per AISI 2016 'North American Specification for the Design of Cold-Formed Steel Structural Members'. Ixx and Sxx are effective section properties for deflection and bending.
- Allowable load is calculated in accordance with AISI 2016 specifications considering bending, shear, combined bending & shear and deflection. Allowable load does not address web crippling, fasteners, support material or load testing. Allowable load considers the three or more equal spans condition. 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.