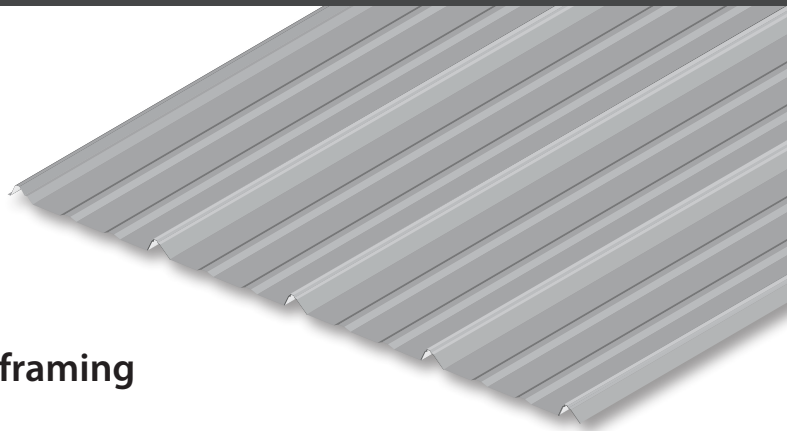


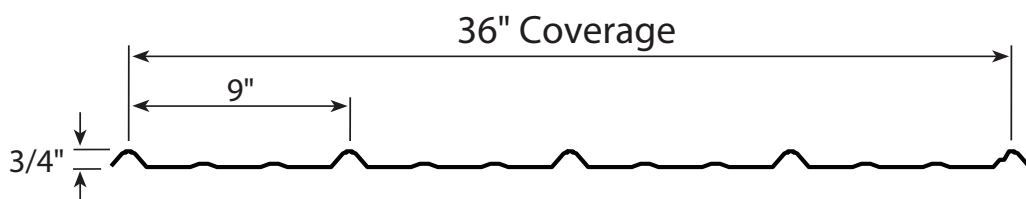
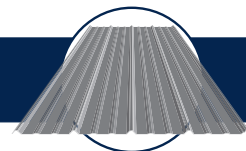


Metal Roof, Wall and Liner Panel

- Bell-top trapezoidal ribs 9" o.c.
- 29 ga. and 26 ga. standard
- Minimum roof slope 3:12
- Available in a wide variety of colors
- Installs over a solid substrate or open framing



800.406.7387
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PANEL INFORMATION

- ▷ Gauge: 29 ga & 26 ga standard
- ▷ 36" panel coverage, 3/4" rib height
- ▷ Exposed fastened, low profile roof and wall system
- ▷ Bell-top trapezoidal rib on 9" centers
- ▷ Minimum roof slope: 3:12

TESTING AND APPROVALS

- ▷ UL 263 Fire Resistance Rating – per assembly
 - ▷ UL 580 Class 90 Wind Uplift, Construction – #560 & 584
 - ▷ UL 790 Class A Fire Resistance Rating – per assembly
 - ▷ UL 2218 Class 4 Impact Resistance
 - ▷ ASTM E 455 Diaphragm Test
 - ▷ ASTM E 564-95 Diaphragm Test
 - ▷ Texas Windstorm - Evaluations RC-161 and RC-391
 - ▷ ICC Evaluation Report - ESR-2385
 - ▷ Miami-Dade County Approved, NOA 21-0629.10
 - ▷ 2023 FBC Approval
- | | |
|---------------------------|-------------------------------|
| 29 Gauge Over: | 26 Gauge Over: |
| - 2x Purlins, FL10099.4 | - 5/8" Plywood, FL14645.7 |
| - 2x Girts, FL9482.3 | - 16 ga. Girts, FL19482.2 |
| - 7/16" OSB, FL14645.8 | - 16 ga. Purlins, FL10999.3 |
| - 1/2" Plywood, FL14645.9 | - 7/16" OSB, FL46539.1 (wall) |
| - 1/2" Plywood, FL14645.6 | |

GENERAL INFORMATION

- **Features:** Classic Rib panels will not warp, split, crack or curl and are impervious to mildew, rot, termites and pests. Installation over solid substrate or open framing.
- **Substructure:** Classic Rib is designed to be utilized over a solid substrate or open framing. To avoid panel distortion, use a properly aligned and uniform substructure.
- **Length:** Minimum factory cut length is 5'-0". Maximum recommended panel length is 45'-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®, ColorFit40™, MS Crinkle Finish & Acrylic-Coated Galvalume®.

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		Inward Load						Outward Load					
				Ixx	Sxx	Ixx	Sxx												
				in ⁴ /ft	in ³ /ft	in ⁴ /ft	in ³ /ft	1.5'	2'	2.5'	3'	3.5'	4'	1.5'	2'	2.5'	3'	3.5'	4'
29	36	80	0.63	0.0097	0.0162	0.0060	0.0140	171	97	62	43	32	24	197	112	72	50	37	25
26	36	80	0.80	0.00123	0.0207	0.0080	0.0080	221	125	81	56	41	32	251	143	92	64	47	32

- 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.

Metal Sales Manufacturing Corporation

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