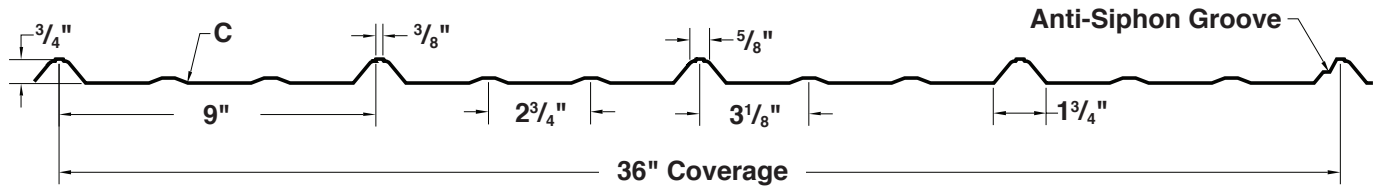


CLASSIC RIB®



COMMERCIAL
RESIDENTIAL
PANEL

DIRECT
FASTEN

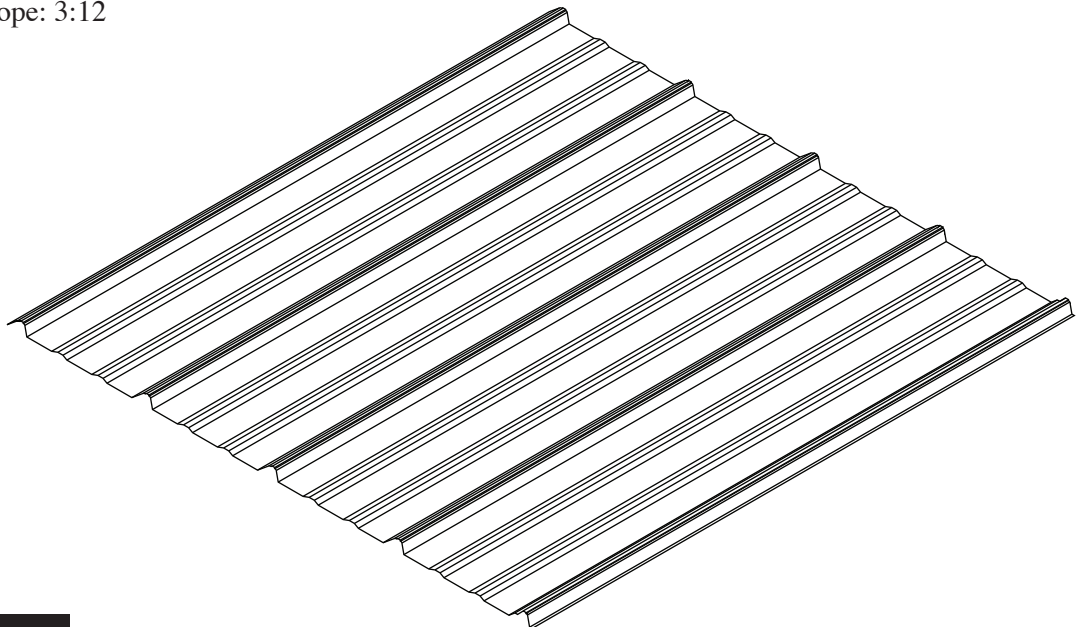
36"
COVERAGE

MINIMUM
3:12 SLOPE

APPLY OVER OPEN
FRAMING OR
SOLID SUBSTRATE

HIGHLIGHTS

- Available finishes include Kynar 500 (PVDF), MS Colorfast45®, and Acrylic Coated Galvalume®
- Gauges: 26ga standard, 24ga optional
- 36" panel coverage, 3/4" rib height
- Bell top trapezoidal rib on 9" centers
- Exposed fastened, low profile panel
- Applies over open framing or solid substrate
- Minimum roof slope: 3:12

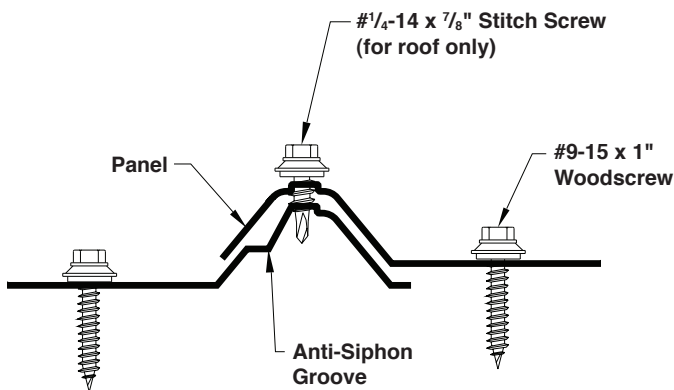


TESTING

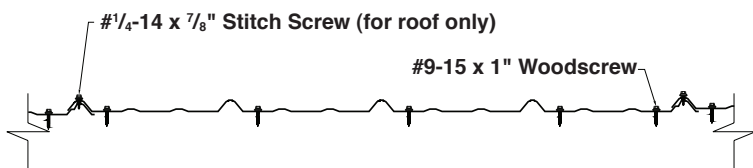
- Texas Windstorm Approved
- UL 2218, Class 4 Impact Resistance
- UL 790, Class A Fire Resistance Rating

CLASSIC RIB®

ATTACHMENT DETAIL



FASTENING PATTERN



GENERAL INFORMATION

□ Slope

The minimum recommended slope for Classic Rib roofing panel is 3:12.

□ Substructure

Classic Rib is designed to be utilized over open structural framing, or a solid substrate. To avoid panel distortion, use a properly aligned and uniform substructure.

□ Coverage

Classic Rib panels are available in a 3/4" rib height with a coverage width of 36".

□ Length

Minimum factory cut length is 5'-0". Maximum recommended panel length is 45'-0". Longer panels require additional consideration 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.

NOTE: All panel are subject to surface distortion due to improperly applied fasteners. Overdriven fasteners will cause stress and induce oil canning across the face of the panel at or near the point of attachment.

□ Availability

Finishes: Acrylic Coated Galvalume®, MS Colorfast45®, or various Kynar 500 (PVDF) colors.

Gauges: 26ga and 24ga

SECTION PROPERTIES

GA.	Width (in.)	Yield KSI	Weight PSF	Top in Compression ¹		Bottom in Compression ¹	
				Ixx In ⁴ /ft	Sxx In ³ /ft	Ixx In ⁴ /ft	Sxx In ³ /ft
26	36"	60	0.86	0.0123	0.0190	0.0080	0.0160

ALLOWABLE UNIFORM LIVE LOADS PSF^{1,2,3,4} (3 or More Equal Spans)

Inward (Gravity / Deflection) Load ^{2,4}						Outward Uplift (Stress) Load ³					
2'	2.5'	3'	3.5'	4'	5'	2'	2.5'	3'	3.5'	4'	5'
98	65	47	35	27	16	110	75	54	41	32	16

1. Theoretical section properties have been calculated per AISI 2001. "Specifications for the Design of Cold-formed Steel Structural Members." Ixx and Sxx are effective section properties for deflection and bending.
2. Allowable load is calculated in accordance with AISI 2001 specifications considering bending, shear, combined bending and shear and deflection. Allowable load considers the worst case of 3 and 4 equal span conditions. Allowable load does not address web crippling or fasteners/support connection and 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 in uplift.

metal sales
manufacturing corporation



Kent, WA (800) 431-3470
Temple, TX (800) 543-4415
Longmont, CO (800) 289-7663
Antioch, TN (800) 251-8508
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