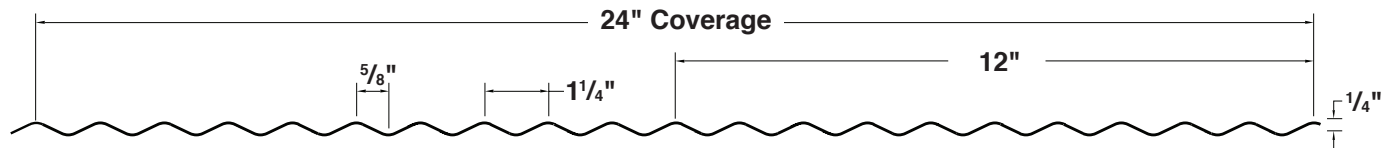


1.25" CORRUGATED



RESIDENTIAL
PANEL

DIRECT
FASTEN
(EXPOSED)

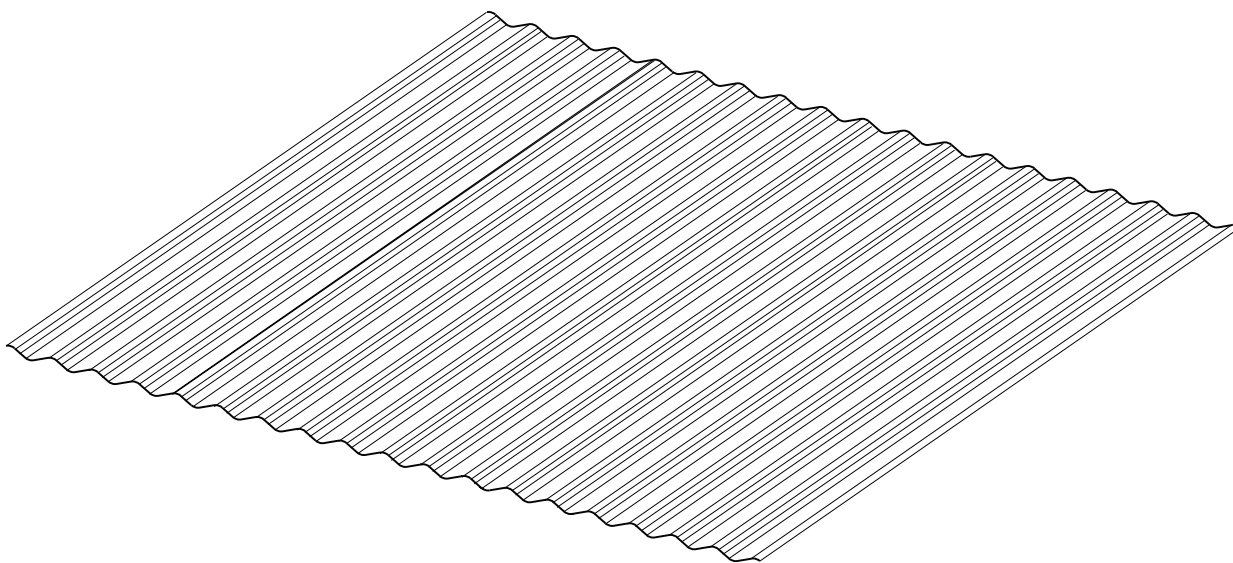
24"
COVERAGE

MINIMUM
3:12 SLOPE

APPLY OVER OPEN
FRAMING OR
SOLID SUBSTRATE

HIGHLIGHTS

- ▶ Finishes: Bare Galvanized, MS Colorfast45[®], and Acrylic Coated Galvalume[®]
- ▶ Gauge: 26ga standard
- ▶ 24" panel coverage, 1/4" rib height
- ▶ Applies over open framing or solid substrate
- ▶ 3:12 slope minimum

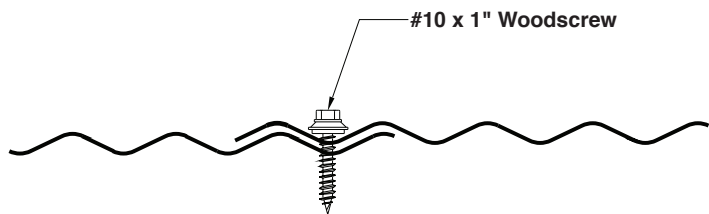


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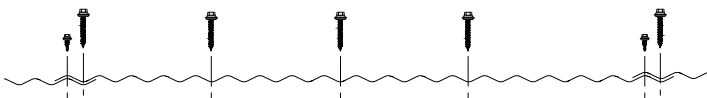
1.25" CORRUGATED

ATTACHMENT DETAIL

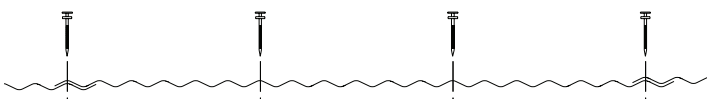


FASTENING PATTERNS

Typical Screw Fastening Pattern



Typical Nail Fastening Pattern



GENERAL INFORMATION

► Slope

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

► Substructure

Corrugated panel is designed to be utilized over open structural framing, but can easily be used with a solid substrate. To avoid panel distortion, use a properly aligned and uniform substructure.

► Coverage

Each panel has a coverage width of 24".

► Length

Minimum factory cut length is 3'-0". Maximum recommended panel length is 30'-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 (for applications involving the use of nails instead of screws, Metal Sales recommends nailing through the high part of the corrugation).

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: MS Colorfast45®, Acrylic Coated Galvalume®, and Bare Galvanized;
Gauge: 26ga standard
 (See Metal Sales Product Color Charts for selection.)

SECTION PROPERTIES

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

GA.	Width (in.)	Yield KSI	Weight PSF	Top in Compression ¹		Bottom in Compression ¹		Inward (Gravity / Deflection) Load ^{2,4}						Outward Uplift (Stress) Load ³					
				Ixx	Sxx	Ixx	Sxx	2'	2.5'	3'	3.5'	4'	5'	2'	2.5'	3'	3.5'	4'	5'
				In ⁴ /ft	In ³ /ft	In ⁴ /ft	In ³ /ft												
26	24"	50	0.86	0.0060	0.0237	0.0060	0.0237	98	50	29	18	12	6	148	96	67	49	38	24

- Theoretical section properties have been calculated per AISI 1996. "Specifications for the design of cold formed steel members." Ixx and Sxx are effective section properties for deflection and bending.
- Tabulated loads are allowable loads calculated in accordance with good engineering practices and with AISI 1996 specifications for bending stresses. Panel weight has not been subtracted from allowable gravity loads. Allowable load does not address web crippling requirement, or fasteners/support connection.
- Allowable loads are calculated in accordance with AISI 1996 specifications, and have been increased by 33 1/3% for wind uplift. Contact Metal Sales Technical Services Department for more information.
- Deflection consideration is limited by a maximum deflection ratio of L/180 of span.

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