



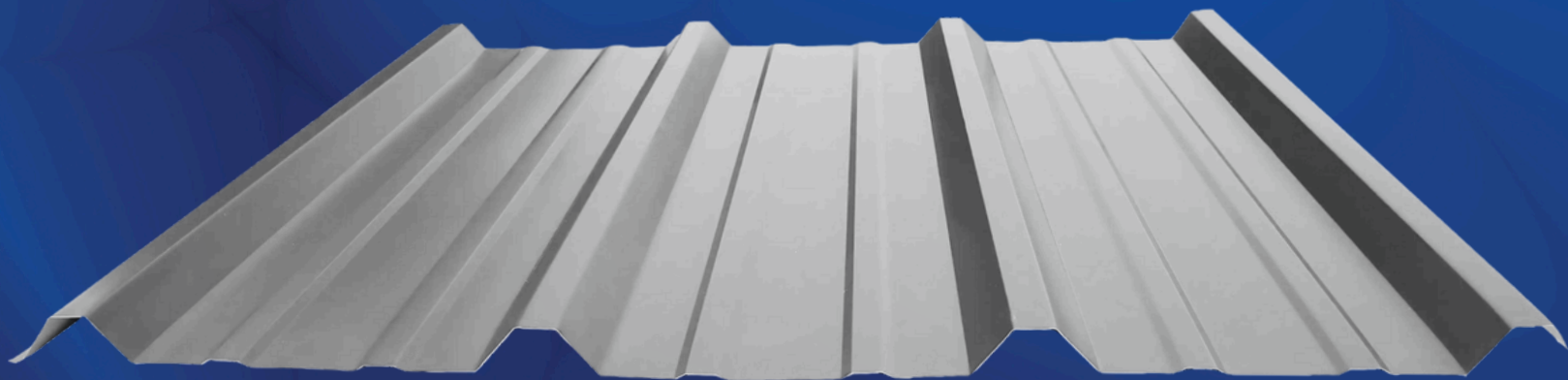
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- R - PANEL



SPECIFICATIONS:

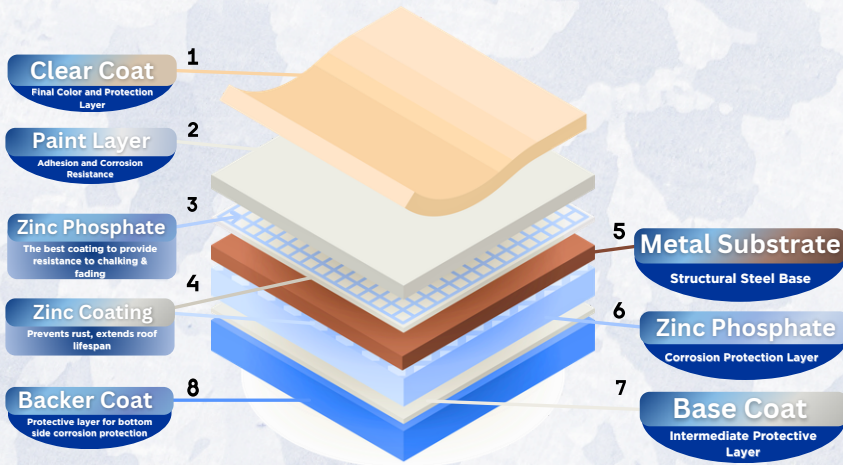
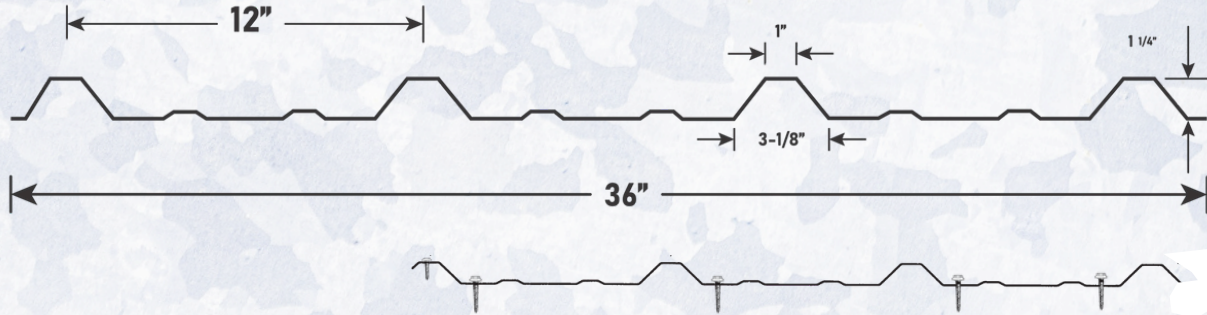
- Panel coverage - 36"
- Minimum recommended slope - 1:12
- Available Gauges - 26 ga.
- 24 ga. on special request
- Painted Product carries up to a 45-year warranty using MAXX Shield 45 Paint System

PANEL INFORMATION:

- Panel has a 36" coverage, with 1 1/4" high ribs 12" on center.
- Maximum recommended panel length is 45' - 0".
- Side lap sealant is recommended on roof application.
- Panel can be used over open framing, or solid substrate.

TESTING:

- UL 790, Class A Fire Resistance Rating
- UL 2218, Class 4 Impact Resistance
- UL 580, Class 90 Wind Uplift Rating



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45 YEAR WARRANTY



ALLOWABLE UNIFORM LIVE LOADS, PSF, FOR VARIOUS SPANS													Section Properties: 36" Wide R-Panel						
Ga.	2'	3'	4'	5'	6'	7'	2'	3'	4'	5'	6'	7'	Gauge	Weight (PSF)	Yield Stress (KSI)	Top in Compression		Bottom in Compression	
																Ixx (in4/ft)	Sxx (in4/ft)	Ixx (in4/ft)	Sxx (in4/ft)
26	261	129	76	49	35	23	223	107	62	40	28	21	26	0.8	80	0.0348	0.0381	0.0309	0.0339
24	330	153	88	57	39	29	314	145	83	53	37	27	24	1.1	40	0.056	0.0579	0.0579	0.0613

1. Theoretical section properties have been calculated per AISI 2012 'North American Specification for the Design of Cold-Formed Steel Structural Members'.
2. Allowable load is calculated in accordance with AISI 2012 specifications.
Allowable load considers the 3 or more equal spans condition for deflection.
Allowable load does not address web crippling, fasteners, support material or load testing. Panel weight is not considered.
3. Deflection 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.
5. All values are for one foot of panel width.
6. Frames, purlins, fasteners and all supports must be designed to resist all loads imposed on the panel.

