

PANEL INFORMATION

- Panel profile designed for thermal movement and water shedding
- Exposed Fastner metal roof panel
- Apply R & U Panel with minimum of 30 pound felt underlayment over minimum 7/16" solid substrate**
- Minimum roof slope 1/2:12
- R Panel - Coverage: 36" nominal coverage with 1-1/4" rib height
Gauge: 26 & 24 gauge
Finishes: Silicone Modified Polyester (SMP) and acrylic galvalume
- U Panel - Coverage: 36" nominal coverage with 3/4" rib height
Gauge: 26 & 24 gauge
Finishes: Silicone Modified Polyester (SMP) and acrylic galvalume

Exposed Fasteners

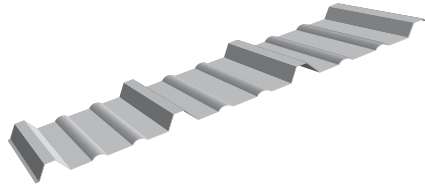
Architectural Panel

Solid Substrate**

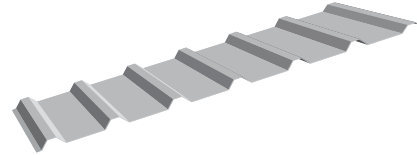
36" Nominal Coverage

Minimum Slope 1/2:12

R PANEL



U PANEL



PANEL TESTING

- Finish meets or exceeds the ASTM B117 and ASTM G23 Accelerated Weathering
- 790 Class A Fire
- UL 2218 Class 4 Impact
- UL 580 Class 90 Wind Uplift
- TDI RC-83 (R Panel)
- Florida Product Approval FL#1845.3 (R Panel)

**Can be installed over open perlin

U PANEL SELECTION PROPERTIES

Gauge	Width (in.)	Yield KSI	Weight PSF	Top in Compression		Bottom in Compression	
				lxx ln ⁴ /ft	Sxx ln ³ /ft	lxx ln ⁴ /ft	Sxx ln ³ /ft
26	36"	60	0.83	.0187	1.2567	.0127	1.1100
24	36"	50	1.08	0.273	1.5553	.0187	.14417

R PANEL SELECTION PROPERTIES

Gauge	Width (in.)	Yield KSI	Weight PSF	Top in Compression		Bottom in Compression	
				lxx ln ⁴ /ft	Sxx ln ³ /ft	lxx ln ⁴ /ft	Sxx ln ³ /ft
26	36"	60	.86	.0380	1.4057	.0337	1.7230
24	36"	50	1.09	.0570	1.7500	.0467	1.8633

* Deflection = L/180

Fastening Detail



R Panel



U Panel

Availability

- R Panel - Gauge: 26 & 24 gauge
Finishes: Silicone Modified Polyester (SMP) and acrylic galvalume
- U Panel - Gauge: 26 & 24 gauge
Finishes: Silicone Modified Polyester (SMP) and acrylic galvalume

Fastening

- For proper fastener application refer to fastener charts, illustrations, and installation instructions. Take care to select the correct fastening method.

Length

- Minimum factory cut length is 4'-0". Maximum recommended panel length is 40'-0". Longer panels require additional consideration in manufacturing and assembly. Please consult ACM for recommendations.

Coverage

- Available in R Panel at 36" nominal coverage with 1-1/4" rib height or the U Panel at 36" nominal coverage with 3/4" rib height.

Substrate

- Substructures must be on an even plane from eave to ridge and over a minimum 7/16" solid substructure to avoid panel distortion and oil canning**

Slope

- The R & U Panel roof panels minimum recommended slope is 1/2:12.

**Can be installed over open perlins