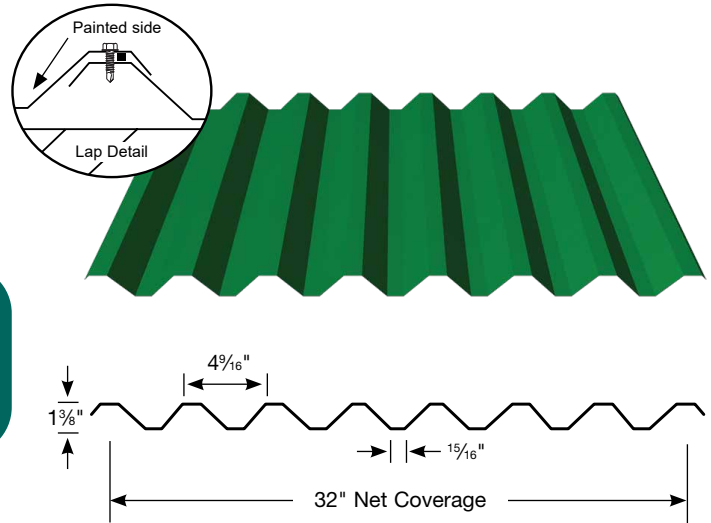


**Mini-V-Beam** is an exposed-fastened metal panel with 32" net coverage.

**Mini-V-Beam** is ideal for roof, vertical or horizontal wall applications, open framed canopy or carport designs.



Properties									Standard Finishes	
Gauge	Base Steel Thickness (in)	Yield (ksi)	Tensile (ksi)	Wt. (lbs/ft <sup>2</sup> )	I+ (in <sup>4</sup> /ft)	S+ (in <sup>3</sup> /ft)	I- (in <sup>4</sup> /ft)	S- (in <sup>3</sup> /ft)	Metallic Coating	Paint System
26	0.0173	80	82	0.92	0.0708	0.0921	0.0705	0.0876	AZ50	Cool Dura Tech™ <i>nt</i>
24	0.0232	50	65	1.23	0.0956	0.1307	0.0956	0.1286	AZ50	Cool Dura Tech™ 5000 (polyvinylidene fluoride) or Dura Tech™ <i>mx</i> (metallic polyvinylidene)
22	0.0294	50	65	1.56	0.1200	0.1665	0.1200	0.1668	AZ50	
20	0.0354	40	55	1.88	0.1463	0.2000	0.1463	0.2000	G90	
18	0.0459	40	55	2.43	0.1913	0.2573	0.1913	0.2573	G90	

**NOTES:** The moments of inertia, I\* and I-, presented for determining deflection are:  $(2I_{\text{Effective}} + I_{\text{Cross}})/3$

## standard features

- Minimum recommended slope 1:12.
- Gauges: 22ga, 24ga, and 26ga in standard finishes ZINCALUME® Plus.
- Refer to AEP Span Color Charts for full range of color options and paint systems.
- Custom manufactured panel lengths: 5'-0" to 45'-0".
- Matching fiberglass panels available.
- Testing: ASTM E1680 (air infiltration) and ASTM E1646 (water infiltration). All testing performed by accredited third-party.
- Roof assemblies Class A Fire Rated when installed on non-combustible deck or framing per IBC or IRC or when installed in accordance to UL listings (UL790). Wall assemblies rated for fire resistance (UL263) when installed in accordance with UL listings.
- Building Code Approval Report: IAPMO-UES #ER-0550.
- Manufactured in Sacramento, WA.

## optional features

- Short cut sheets from 5'-0" to 1'-0". Additional fees and lead times apply.
- 20ga and 18ga available in galvanized G90 with standard and custom colors subject to a minimum order size of 4,500 square feet and longer lead times.
- 18ga available in bare galvanized G90 subject to a minimum order size of 18,000 square feet and longer lead times.
- Custom colors, thick film primer and/or clear coat paint finishes available. Subject to 4,500 square feet minimum order.
- Perforation options available for an additional charge. Minimum order size 1,335 square feet (Inquire for smaller orders). Select from standard perforation patterns with open areas of 7.8%, 13.8%, 23.4% or 30.6%.
- Stucco embossed available in 26ga, 24ga and 22ga. Subject to minimum order size of 1,335 square feet.