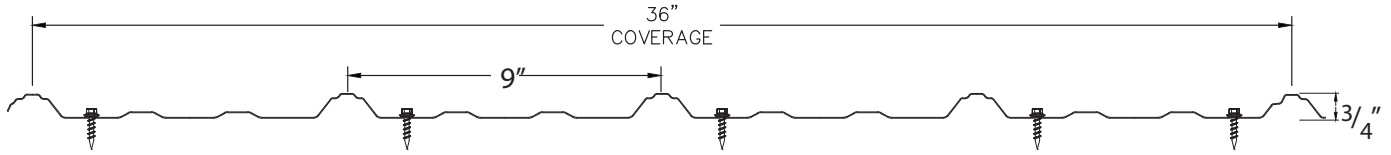
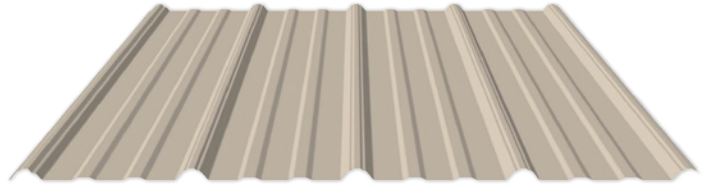


ABM Panel Specifications



	Premium / G-100 28 gauge	Standard AZ50 26 & 28 gauge	Economy	What Does It Mean?
Steel Thickness	28 ga. - 0.0157"	28 ga. - 0.0157" 26 ga. - 0.019" min.	Varies	This is the thickness of bare coil before paint
Panel Weight	2.2 lbs. per linear foot	28 ga. - 2.1 lbs./lf 26 ga. - 2.85 lbs./lf	Varies	Thicker steel means less oil canning, and stronger panels
Coating Weight	G-100 1oz. of zinc per sq. ft.	AZ50 Galvalume Aluminum/Zinc Alloy	Varies	More zinc or aluminum = more protection
Life of Panel	Best	Better	Good	Premium will hold up better in harsh environments
Pretreatment	Zinc Phosphate	1303	Varies	Zinc Phosphate provides superior scratch protection, adhesion, cut-edge protection, and corrosion resistance
Primer	Yes	Yes	Varies	Provides paint adhesion, and corrosion resistance
Paint	Valspar WeatherXL	Valspar WeatherXL	Valspar WeatherXL	A Silicon Polyester Paint
Heat-Formed¹	Yes	Yes	Yes	Reduces paint crazing
Quality Control²	Labeled	Labeled	Labeled	Imprinted for Tracking and Customer Assurance
Warranty³	40 Year Limited Premium Paint Warranty	40 Year Limited Standard Paint Warranty	No Warranty	Refer to Warranty for details
Suggested Applications	Agricultural, Residential, Commercial	Residential and light commercial not exposed to harsh environments.	Temporary Shelters & Interior Panels	(Hint: Use Economy panels when quality and appearance are not critical)

1. Heat-forming: The painted steel is heated to over 170° to allow the paint to flex as the panel is formed. Without heat-forming, the paint would crack along the bends and eventually rust.
2. All panels are imprinted on the underlap of the panel with Order Number, Material Grade, Part ID, and Panel Length for customer assurance and warranty information.
3. Most warranties apply only to the paint finish and not to the underlying steel panel. Our G-100 and Standard metal panel both carry the same paint warranty because they have the same paint finish. This does not mean the overall performance will be the same. The AZ50 Galvalume (aluminum/zinc alloy-coated) panels carry a 20-year limited substrate warranty.

Load Chart

Materials				Load Chart PSF Max Deflection 1/180, min. 1 1/2" Bearing			
Gauge	Thickness	Coating	Grade	18"	24"	30"	36"
28	0.0157"	G-100 / AZ50	80-110ksi	148 psf	84 psf	54 psf	39 psf
26	0.019" min.	AZ50	80-110ksi	192 psf	112 psf	72 psf	51 psf
				Load Chart is for informational purposes only and is not meant to be used as a calculation for purlin or rafter design.			