



SkyLiner® Banding

The Skyliner® Fabric System Banding is a Zincalume Steel Grade 50 hot-dip zinc/aluminum alloy-coated structural steel with a spangled surface and guaranteed minimum yield strength of 50 ksi with good ductility, provided 1" wide in White, Black, Silver Grey, and Tan.

Mechanical Properties		Chemical Composition		
Steel Base	Guaranteed	Typical	Guaranteed Maximum	Percent
Longitudinal tensile				
Yield strength, ksi	50	50-65	Carbon (C)	0.40
Tensile strength, ksi	65	65-70	Phosphorus (P)	0.20
Elongation in 2 inch, minimum %	12	24-34	Manganese (Mn)	1.15
Hardness, HRB		60-74	Sulfur (S)	0.04
Supply Condition	Standard	Optional	Fabricating Performance (1-Limited to 5-Excellent, NR - Not Recommended)	
Coating class	AZ50	AZ55	Bending	3
Tension leveling	Leveled		Drawing	NR
Surface conditioning	Not Skin-passed	Skin passed, (paint line feed)	Pressing	NR
			Pittsburgh Lock Seam	NR
			Roll-forming	5
Chemical treatment	Passivated		Welding *	5
			Painting **	5
ZINCALUME® Plus	Resin Coated			
Oiling	Not Oiled	Oiled		
Branding	Not Branded			

Optional supply conditions and coating classes may be subject to dimensional restriction.
 * Design must allow for some strength reduction near welds. ** Maximum thickness suitable for organic coil coating is 0.0228"

Questions? Contact your Bay District Manager,
call 844.999.7153 or visit
www.SkylinerSystems.com.

