

BR® 127

Epoxy; Epoxide

Cytec Industries Inc.

Message:

BR® 127 corrosion inhibiting primer is a modified epoxy primer. It is the industry standard for high- performance corrosion inhibiting primers and has been used in virtually every commercial aircraft built since its introduction.

BR 127 primer can be used with essentially all 250°F (121°C) film adhesives and has been designed to provide optimal structural performance at temperatures ranging from -67°F to 300°F (-55°C to 149°C). BR 127 primer is formulated to provide maximum environmental resistance and durability within the bond line, as well as prevent corrosive undercutting. It can also be used effectively as a protective coating outside bonded areas. BR 127 corrosion inhibiting primer can be cured prior to bonding. Recommended cure cycles range from 4 hours at 180°F (82°C) to 30 minutes at 250°F (121°C). Articles primed with BR 127 primer and then cured have an indefinite shelf life. Primed details should be wrapped in Kraft paper (as protection from dust and dirt) and stored prior to adhesive bonding. Maintaining controlled conditions of 85°F (29°C) maximum temperature and 65% maximum humidity is recommended for extended storage life. Cure cycles for adhesive films primed with BR 127 primer may vary from 200°F to 350°F (93°C to 177°C) with minimum pressures to assure proper mating of bonded details.

General Information		
Features	Durable	
	Good Corrosion Resistance	
	Good Thermal Stability	
	Good Weather Resistance	
	Oxidation Resistant	
Uses	Aerospace Applications	
	Bonding	
	Structural Parts	
Appearance	Yellow	
Processing Method	Spraying	
Physical	Nominal Value	Unit
Specific Gravity	0.875	g/cm ³

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Recommended distributors for this material

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