

Eagle Bridges Company

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Product: Satin Aliphatic Polyurethane

Product Code: 5003

Description

5003 is a high Performance Acrylic Aliphatic Polyurethane finish coat that is designed to give premium performance and durability. It also yields excellent chemical abrasion and moisture resistance. The gloss is adjusted to give a Satin finish.

Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	60-70 K.U.	Weight Per Gallon	10.58
Gloss	Satin	Specific Gravity	1.27
Flash Point	90 degrees F	Theoretical Coverage @1 mil dry: No loss assumed.	785 sq. ft. per gallon
Solids by Volume	48.96 (+/-) 2%	Solids by Weight	65.64 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	3.63 # Per Gallon	Volatile Organic Content (V.O.C.) less exempt	434 Grams Per Liter
Hazardous Air Pollutants (H.A.P.S.)	0.67 # Per Gallon	Dry Time to Touch (@ 77 Degrees F, 50% RH)	1 Hour
Dry Time to Handle (@77 Degrees F, 50% RH)	4 Hours	Dry Time to Recoat (@ 77 degrees F, 50% RH)	8 Hours

Dry Times

When multiple coats are applied, the dry time between coats depends upon film thickness, temperature and humidity. If the first coat is in the critical cure stage it may be lifted or blistered by the second coat. To test, apply a small swatch over first coat and observe for a few minutes. If no film distortion occurs, it is safe to recoat. When in doubt, allow one week before recoating.

Application

- **Preparation:** - Apply to properly cleaned or treated surface. This may consist of solvent wiping, wire brushing, sandblasting, phosphate treatment or chemical etching. All surfaces must be free of dust, oils and other surface contaminants before application.
- **Reduction:** If reduction is necessary, use Xylene.
- **Method:** Spray, airless or Electrostatic if controlled. Application properties can be adjusted with special solvents
- **Recommended Dry Film:**
- **Primer:** Suggested primers are Eagle Bridges Epoxy Primers such as 1356 or 8844.
- **Temperature:** Ambient temperature above 50 deg. F

Clean Up

Recommended solvent for clean-up is Xylene however any strong Aromatic or Ketone solvent will work. Do not use Aliphatic solvents such as Mineral Spirits or Naphtha.

Safety and Other Information

For Safety and Handling information please consult the Safety Data Sheet (SDS)

For any other Information Please Contact Eagle Bridges Company, Inc.

800-541-1747 Phone 478-956-3617 Fax Eaglebridges.com Website

This information is offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is made. The recommendations are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use.