

Eagle Bridges Company

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Eaglebridges.com



Product: Modified Acrylic Alkyd Black Product Code: 4980-02

Description

4980 Modified Acrylic Alkyd Black is a high gloss enamel for OEM finishing or refinishing of industrial agriculture and transportation equipment. It offers long term protection with excellent color and gloss retention to a wide variety of general metals. Its strengths are: fast dry, gloss retention, fade resistance, and flexibility. 4980 Modified Acrylic Alkyd Black can be applied over primed surfaces or direct to metal.

Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	50 KU (+/- 3)	Weight Per Gallon	8.22 (+/-) 0.5
Gloss	95+	Specific Gravity	0.9876 (+/-) .06
Flash Point	81°F	Theoretical Coverage @1 mil dry, no loss assumed	593 ft ² / gallon
Solids by Volume	37 (+/-) 2%	Solids by Weight	45 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	4.54 lbs / gallon	Volatile Organic Content (V.O.C.) less exempt	546 g / liter
Hazardous Air Pollutants (H.A.P.s.)	1.79 lbs / gallon	Dry Time to Touch (@77°F, 50% RH)	60'
Dry Time to Handle (@ 77°F, 50% RH)	2-4 Hours	Dry Time to Water Resistance (@77°F, 50% RH)	4 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. Re-Coat Window: You may apply a second coat of 4980 Modified Acrylic Alkyd Black between 1 to 8 hours after first coat, but after 8 hours you must wait 72 hours before applying subsequent coats.

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:** Product is supplied ready to spray and does not require any reduction. If reduction is necessary, use Solvent 100 or Acetone.
- **Method:** Can be applied by Conventional Air Atomization, HVLP or Airless spray equipment. Brush and Roll applications are not recommended.
- **Recommended Dry Film:** 1 to 2 dry mils
- **Primer:** Can be applied over a Primer or Direct to Metal (DTM). Recommended primer is 3463 Industrial Grey High Solids Primer or comparable.
- **Temperature:** Ambient air, paint and substrate temperature should be a minimum of 50 degrees F at time of application.

Clean Up

Recommended solvent for clean-up is Toluene 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.