



PRODUCT GUIDE:
HIGH TEMPERATURE COATINGS

Eagle Bridges Company

216 Hwy 49 S.
Byron, GA 31008
800-541-1747
Eaglebridges.com



Product: Premium Grade Aluminum

Product Code: 966

Description

A premium Aluminum paint formulated to give a high Metallic luster in a durable resin base. It will also provide excellent heat resistance (up to 800 F) over properly cleaned and prepared substrates. It is recommended that the system be fired @ 300-500F for 4 hours once product is tack-free in order to complete cure. Product is susceptible to mechanical damage until fully cured. Different levels of gloss loss are possible during this curing process & with increased temperatures without compromising protection.

Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	22-28 seconds (+/- 2) #4 Zahn cup	Weight Per Gallon	8.57
Gloss	High Luster	Specific Gravity	1.0289
Flash Point	80 degrees F	Theoretical Coverage @1 mil dry: No loss assumed.	456 sq. ft. per gallon
Solids by Volume	28.41 (+/-) 2%	Solids by Weight	41.44 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	5.02 # Per Gallon	Volatile Organic Content (V.O.C.) less exempt	600 Grams per Liter
Hazardous Air Pollutants (H.A.P.s.)	3.9 lbs / Gallon	Dry Time to Touch (@ 77 degrees F, 50% RH)	15 minutes
Dry Time to Handle (@ 77 degrees F, 50% RH)	2-4 hours	Dry Time to Recoat (@ 77 degrees F, 50% RH)	2-4 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.

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, Mineral Spirits
- **Method:** Spray, airless or Electrostatic if controlled, brush or roller. Application properties can be adjusted with special solvents
- **Recommended Dry Film:** 1-2 mils
- **Primer:** 2208 Grey Phenolic Primer
- **Temperature:**

Clean Up

Recommended solvent for clean-up is Mineral Spirits or Xylene

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.

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Product: Black Solvent Stove Enamel

Product Code: 1222

Description

A flat black air-dry enamel designed to have excellent heat resistance (up to 600 F) over properly cleaned and prepared substrates. It is recommended that the system be fired @ 300-500F for 4 hours once product is tack-free in order to complete cure. Product is susceptible to mechanical damage until fully cured. Different levels of gloss loss are possible during this curing process & with increased temperatures without compromising protection.

Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	55-60 seconds (+/- 2) #2 Zahn cup	Weight Per Gallon	9.06
Gloss	Flat	Specific Gravity	1.0881
Flash Point	45 degrees F	Theoretical Coverage @1 mil dry: No loss assumed.	465 sq. ft. per gallon
Solids by Volume	29.02 (+/-) 2%	Solids by Weight	46.01 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	4.89 # Per Gallon	Volatile Organic Content (V.O.C.) less exempt	585 Grams Per Liter
Hazardous Air Pollutants (H.A.P.s.)	2.9 lbs / Gallon	Dry Time to Touch (@ 77 degrees F, 50% RH)	30 minutes
Dry Time to Handle (@ 77 degrees F, 50% RH)	30 minutes	Dry Time to Recoat (@ 77 degrees F, 50% RH)	24 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, Xylene
- **Method:** Spray, airless or Electrostatic if controlled. Application properties can be adjusted with special solvents
- **Recommended Dry Film:** 1-1.5 mils
- **Primer:** 2208 Grey Phenolic Primer
- **Temperature:**

Clean Up

Recommended solvent for clean-up is Xylene

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Product: Very Hi Temp Aluminum

Product Code: 1217

Description

A premium Aluminum paint formulated to give a high Metallic luster in a durable resin base. It will also provide excellent heat resistance (up to 1000 F) over properly cleaned and prepared substrates. It is recommended that the system be fired @ 300-500F for 4 hours once product is tack-free in order to complete cure. Product is susceptible to mechanical damage until fully cured. Different levels of gloss loss are possible during this curing process & with increased temperatures without compromising protection.

Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	18-23 seconds #2 Zahn cup	Weight Per Gallon	8.10
Gloss	N/A	Specific Gravity	.9729
Flash Point	80 degrees F	Theoretical Coverage @1 mil dry: No loss assumed.	405 sq. ft. per gallon
Solids by Volume	25.27 (+/-) 2%	Solids by Weight	33.89 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	5.36 # / Gallon	Volatile Organic Content (V.O.C.) less exempt	640 Grams Per Liter
Hazardous Air Pollutants (H.A.P.s.)	4.5 # / Gallon	Dry Time to Touch (@ 77 degrees F, 50% RH)	30 minutes
Dry Time to Handle (@ 77 degrees F, 50% RH)	30 minutes	Dry Time to Recoat (@ 77 degrees F, 50% RH)	24 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, Xylene.
- **Method:** Spray, airless or Electrostatic if controlled. Application properties can be adjusted with special solvents
- **Recommended Dry Film:** 1-1.5 mils
- **Primer:** 2208 Grey Phenolic Primer
- **Temperature:**

Clean Up

Recommended solvent for clean-up is Xylene

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