

AEPON POLYAMIDE EPOXY C-00 SERIES

DESCRIPTION:

A two component coating formulated completely from pure epoxy resins, with no added diluents, for a superior coating performance. Aepon Epoxy is corrosion, chemical and abrasion resistant and is flexible.

FINISH: Gloss, Semi-Gloss, Flat

USES: Machinery Steel Maintenance Concrete Iron Concrete Floors Fiberglass Wood Equipment Ferrous substrates in a saltwater environment.

Marine Environment Water Immersion Galvanized Metals Aluminum Swimming Pools Spas

FILM PROPERTIES: Air Dry Time 6 to 12 Hours at 77°F Re-coat Time 4 to 12 Hours at 77°F Complete Cure 7 Days Times may vary depending on temperature and humidity.

BAKE SCHEDULE: Flash dry for 15 minutes before baking. 150°F For 60 Minutes 200°F For 45 Minutes 250°F For 30 Minutes

APPLICATION: 375 Square Feet per Gallon at 2 Mils 250 Square Feet per Gallon at 3 Mils Apply with a brush, spray or roller. Sandblast to white metal or wire brush and treat with Alphos 40.

MIXING RATIO AND POT LIFE:

3 Parts Aepon to 1 part catalyst. After adding the catalyst to the Aepon Epoxy base, mix thoroughly and allow to set for 1 hour before using and thinning. After adding the catalyst and inducting for one hour, the pot life is approximately 8 hours at 77°F.

THINNING AND CLEANUP: S-02 Aepon Reducer

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Information and recommendations contained herein are based upon laboratory test & field use experience. We certify the standard quality of this material and its adherence to our specifications. However, since conditions of actual use are beyond our control, any recommendations or suggestions are made without warranty, expressed or implied. We expressly disclaim responsibility for information or product use, results, storage, handling or any injury, special or indirect, or consequential damage of any nature whatsoever. Manufacturers and sellers sole obligation shall be to replace that portion of the product shown to be defective.



AEPON POLYAMIDE EPOXY C-00 SERIES

Aepon is a high performance, two-component epoxy, which affords long term protection in the aggressive atmospheres encountered in offshore and industrial applications. Aepon Epoxy is used as a specification standard for NASA flight items, exceeds military specification MIL-P-24441 and American Water Works Association Standard AWWA D10278 (section 3.2 I.P.S. #1).

PROPERTIES OF PHYSICAL DATA:

Gloss	92 (C-005)
Adhesion	300 lbs./inch
Impact Resistance, Inch lbs. Pass/Fail	
Direct	165/168
Pencil Hardness	4H
Flexibility, Cylindrical Mandrel	
1/8"	Pass
Water Immersion, 100°F, 200 Hours	
Rusting	No Effect
Blistering	No Effect
Salt Spray, (ASTM B117-73) 250 Hours	
Rusting	None
Undercutting	Very Slight
Blistering	None
Temperature Limits	
Continuous	200°F
Intermittent	260°F

GENERAL APPLICATION INFORMATION:

Aepon Epoxy is self-priming to cement, metal, aluminum and galvanized metal. Dependent on the end use, Aepon Epoxy Zinc Rich Primer is recommended for extremely aggressive atmospheres and VPP-702 is recommended for aluminum and galvanized metal, for the best durability.

Dry Time (ASTM D1640)	
To Touch	2 Hours at 77°F
Dry Through	14 Hours at 77°F
Application Temperature	Not Below 50°F
Film Thickness (Two Coats Recommended)	2 – 15 Mils.

CHEMICAL RESISTANCE:

<u>MEDIUM</u>	<u>SPLASH</u>	FUMES
Water	Excellent	Excellent
Acids	Fair	Good
Alkaline	Excellent	Excellent
Solvents	Excellent	Excellent

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Aepon Epoxy Chemical Resistance Properties

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R- Resistant LR- Limited Resistance NR- Not Resistant

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