AEGEON™ Coatings

Technical Data Sheet

Series 5100

AEGEON™ General Purpose Epoxy Primer with VISTAMER® Rubber

Description: A general purpose, high performance, chemical resistant. Low VOC epoxy primer for steel and metal surfaces in moderate to severe corrosive marine and industrial environments.

VISTAMER® Rubber: A highly-engineered surface-modified performance additive, VISTAMER® Rubber is used in epoxies and urethanes to improve impact resistance, tear resistance, adhesive strength, traction, toughness, flexibility and abrasion resistance. VISTAMER® Rubber's patented surface-modification process chemically bonds with the resin matrix of the coating to provide superior performance properties.

Applications:

- Ships • Oil Derricks • Chemical Plants • Concrete Buildings
- Paper Mills • Other Industrial Products

Technical Data:

Theoretical Coverage:	866 sq. ft. per 1 mil dry
Recommended Dry Film Thickness:	2-3 mils dry
Drying Time @ 70°, 50% R.H.:	• 30-45 minutes to touch • 8 hours to recoat @ 77°F
Potlife @ 70°F:	6 hours working time after mixing Part A with Part B
Mixing Ratio:	4:1 ratio by volume
Thinner:	Xylene
Hardness:	Excellent
Flexibility:	Excellent
Gloss:	20%-30%
Wt/Gallon:	11.55 lbs/gal
Viscosity:	70 KU
Solids Content:	54% by volume
Temp. Limit (Dry):	200°F
Environmental Codes:	VOC 3.3 lbs/gal
Flash Point:	86°F
Packaging:	5-gallon and 55-gallon drums
Colors:	Red, yellow, white and gray
Abrasion:	Excellent
Adhesion:	Excellent

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Important Information

Application Temperature: Optimum = 70°-90° at 50% relative humidity. DO NOT APPLY when the air, surface or material temperature is below 55°F. DO NOT APPLY at any temperature when the dew point is within 5° of the ambient air temperature to prevent moisture from condensing on the surface to be painted on, or on freshly painted surfaces.

Surface Preparation: Remove any oil or grease from surface to be painted with clean rags soaked in solvent in accordance with SSPC-SP-1. Paint clean, dry surfaces.

> **Steel:** May be applied directly to metal. For immersion service, abrasive blast to a minimum Near White Metal Finish in accordance with SSPC-SP-10 to a degree of cleanliness in accordance with NACE #2 to obtain a 1.5-3 mil (40-75 micron) blast profile. For non-immersion service, abrasive blast to a Commercial Grade Finish in accordance with SSPC-SP-6 to a degree of cleanliness in accordance with NACE #3 to obtain a 1.5-3 mil (40-75 micron) blast profile.

Mixing: In a clean pot, mix 4 parts Base with 1 part Activator by volume. Allow mixture to sit 30-45 minutes before applying. Use within 6 hours dependent upon temperature and humidity. DO NOT mix fresh batches in containers that have old material left standing past intended potlife.

Application: Air or airless spray, roller or brush. Apply at 4-6 mils wet which will yield 2-3 mils dry.

Clean Up: Cured product may be disposed of without restriction. Excess base resin and converter material should be mixed together and allowed to cure, then disposed of in the normal manner.

Safety

For best results and safest usage, user is specifically directed to consult the current MSDS for this product. When using this product in a confined space or closed area, consult the current OSHA or ANSI bulletins on safety requirements.

For Industrial Use Only

The recommendations made herewith and the information set forth with respect to the performance and use of our products are based on our own research and are believed, but not warranted, to be accurate. The products discussed are sold without warranty as to fitness or performance, express or implied, and upon condition that purchasers shall make their own tests to determine the suitability of such products for their particular purposes. Likewise, statements concerning the possible uses of our products are not intended as recommendations to use our products in the infringement of any patent.

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