

AEGEON™ Coatings

Technical Data Sheet



Series 5000

AEGEON™ 2-Part High-Build Epoxy Mastic with VISTAMER® Rubber

Description: High-Build Catalyzed Two-Component Epoxy for industrial use.

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: Maintenance coating for new and old structures

- Steel Structures • Industrial Facilities • Oil Tanks • Piping

Technical Data:

Theoretical Coverage:	1,040 sq. ft. per 1 mil dry
Recommended Dry Film Thickness:	5-63 mils dry
Drying Time @ 70°, 50% R.H.:	<ul style="list-style-type: none"> • 1-2 hours 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:	75 on 60 meter
Wt/Gallon:	12 lbs/gal
Viscosity:	85 KU
Solids Content:	65% by volume
Temp. Limit (Dry):	250°F
Environmental Codes:	VOC 2.5 lbs/gal
Flash Point:	80°F
Packaging:	5-gallon and 55-gallon drums
Colors:	Various
Abrasion:	Excellent
Adhesion:	Excellent

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: Normally applied over clean, dry primer. 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.

Concrete: Not recommended

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 2.5-4 mils dry.

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.