

RitePoxi RP Series

Two Coat Marine Epoxy

General Description

RitePoxi Two Coat Marine Epoxy is a two component, phenalkamine epoxy designed for applications where excellent corrosion, moisture and water barrier properties are required. RP Two Coat Marine is high solids and will cure at very low temperatures and in the presence of moisture. This product is especially suitable for marine and water submerged applications. Typical uses include: Barges, Drilling Rigs, Non- Potable Tank Interiors, Heavy Duty Structural & Pipe.

Mixing and Thinning Instructions:

Mix 4 parts RP Two Coat Marine PartA by volume with 1 part RP100B Hardener. Agitate each component thoroughly before combining. If reducing or thinning is required, please contact your Riteks representative for instructions.

Directions for Use:

Surface must be clean, dry, sound and free of dirt, dust, grease, oils, residues, waxes, water, foreign particles, and any other contaminants that may interfere with coating adhesion and intimate contact with substrate. Steel surface preparation should meet SSPC-SP6/NACE 3 (Commercial Blast Cleaning). Metal surface must be 5 degrees above the dew point temperature.

RP Two Coat Marine is designed to be applied by spray, brush, roll or squeegee. Airless spray @ 3500-4500 psi with 0.019-0.027 tips is recommended. If reduction is required, 5-10% Acetone or MEK may be used after both components are mixed together. Pot life is 6 hours @ 75 degrees and significantly reduced at elevated temperatures. Pot life is extended with reduction.

Clean up:

Clean all equipment immediately after use with MEK or other Riteks approved solvents. Use clean solvent only. In case of spill, absorb and dispose of in accordance with local, State, and/or Federal regulations.

Storage & Shelf Life:

Store indoors in original, tightly sealed container out of direct sunlight between 40°F (5°C) and 100°F (38°C), 0% to 90% relative humidity. Warranted shelf life is 12 months from date of manufacture (DOM) in original unopened and properly stored container.

Typical Mixed Properties

Color	Various
Type	Phenalkamine Epoxy
Viscosity (25°C)	90-100 KU's
Specific Gravity (25°C)	1.25-1.35
Density (25°C)	10.4-11.2 lbs/gal
% Solids (by Volume)	76-80%
% Solids (by Weight)	85-88%
VOC	1.50 lbs/gal
VOC (less water/exempt)	1.50 lbs/gal
Flash Point	16°F
Gloss	70-80°
Recommended DFT	6-8 mils (150-200 um) per coat
Maximum DFT	12 mils (300 um) per coat
Coverage	1251 ft ² @ 1.0 mil
Dry @ 75 degrees F	1-2 hrs touch 3-4 hrs handle 8 hrs hard
Pot life @ 75°F	6 hrs
Service Temperature	-40°F to 350°F
Mix Ratio	4:1

Typical properties given do not constitute a supply specification.

Packaging/Storage

RP Two Coat Marine is available in 1-gallon kits, 5-gallon kits and 55-gallon steel drums. For additional packaging options, please contact your local Riteks representative.

Safety, Health and Environmental Info:

Before handling or using this product please refer to the Safety Data Sheet for complete health, safety and environmental information. Dispose of waste in accordance with local, state and federal regulations.

Avoid contact with skin and use good ventilation. Wear chemically resistant gloves (nitrile are recommended) and chemical safety glasses. If skin contact is made, wash immediately with soap and water. Do not use solvents to clean skin.

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NOT FOR RESIDENTIAL USE
KEEP OUT OF REACH OF CHILDREN

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