

RitePoxi RP Series

Fast Dry Epoxy Primer

General Description

RitePoxi RP High Build Epoxy Primer is a two component, epoxy primer designed for applications where excellent corrosion, moisture and water barrier properties are required. RitePoxi RP High Build Epoxy Primer is high build and especially suitable for marine and water submerged applications. Typical uses include: barges, drilling rigs, tanks, heavy duty structural steel & pipe.

Mixing and Thinning Instructions:

Mix 1 parts RP High Build Epoxy PartA by volume with 1 part RP200B Hardener. Agitate each component thoroughly before combining. If reducing or thinning is required, please contact your Riteks technical service 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. Metal surface must be 5 degrees above the dew point temperature.

RP High Build Epoxy Primer 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	Black, Gray, White & Red
Type	Epoxy/Amine
Viscosity (25°C)	20-25 seconds #3 Zahn
Specific Gravity (25°C)	1.20-1.30
Density (25°C)	10.0-10.8 lbs/gal
% Solids (by Volume)	40-42%
% Solids (by Weight)	58-60%
VOC	2.75 lbs/gal
VOC (less water/exempt)	3.44 lbs/gal
Flash Point	5°F
Gloss	low
Recommended DFT	2-4 mils (50-100 um)
Maximum DFT	8 mils (400 um)
Coverage	658 ft ² @ 1.0 mil
Dry @ 75 degrees F	15 minutes to touch 1 hr to handle 2 hrs hard
Pot life @ 75°F	6 hrs
Service Temperature	-40°F to 350°F
Mix Ratio	1:1

Typical properties given do not constitute a supply specification.

Packaging/Storage

RP High Build Epoxy Primer is available in 2-gallon kits, 10-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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