

RitePoxi RP Series

High Build Epoxy Primer

General Description

RitePoxi RP High Solids Epoxy Primer is a two component, epoxy polyamide primer designed for applications where excellent corrosion, chemical, moisture and water barrier properties are required.

Benefits Includes:

- Single Coat Direct to Metal High Build
- Low VOC & Very Low HAPS
- Very Good Corrosion Resistance
- Fast Re-coat

Typical Uses: Primer for:

- Railcar Exteriors
- Tank Exteriors
- Structural Steel
- Water Towers

Mixing and Thinning Instructions:

Mix 1 parts RP High Solids Epoxy Part A by volume with 1 part RP102B 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 Solids Epoxy Primer is designed to be applied by spray, brush, roll or squeegee. Airless spray @ 2500-4500 psi with 0.017-0.021 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.

Typical Mixed Properties

| | |
|----------------------|---------------------------------------|
| Color | Black, Gray, White & Red |
| Type | Epoxy/Amine |
| Viscosity (25°C) | 80-90 ku's |
| Density (25°C) | 10.5-11. lbs/gal |
| % Solids (by Volume) | 64-66% |
| % Solids (by Weight) | 86-88% |
| VOC | 1.6-1.7 lbs/gal |
| Flash Point | 17°F |
| Gloss | 10-20° |
| Recommended DFT | 4-6mils (100-150 um)- |
| Maximum DFT | 12 mils (300 um) |
| Coverage | 1155 ft ² @ 1.0 mil |
| Dry @ 75 degrees F | 1-2 hrs to touch 3-4 hrs to handle |
| Pot life @ 75°F | 6 hrs |
| Mix Ratio | 1:1 |

Typical properties given do not constitute a supply specification.

Packaging/Storage

RP High Solids 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.

Warranted shelf life is 12 months from date of manufacture (DOM) in original unopened and properly stored container.

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.

FOR PROFESSIONAL USE ONLY
NOT FOR RESIDENTIAL USE
KEEP OUT OF REACH OF CHILDREN

We warrant our products to be of good quality and will replace or, at our discretion, refund the purchase price of any products proved defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Therefore, except for such replacement or refund, RITEKS MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY. Riteks shall have no other liability with respect thereto. User shall determine the suitability of the products for the intended use and assume all risks and liability in connection there with. The information provided herein is based on technical data that Riteks, Inc. believes to be reliable. Riteks, Inc. makes no representation or warranty as to the completeness or accuracy thereof and assumes no liability resulting from its use for any claims, losses, or damages of any third party. Recipients receiving this information must exercise their own judgment as to the appropriateness of its use and it is the user's responsibility to assess the material's suitability (including safety) for a particular purpose prior to such use.



11917 Cutten Road Houston, TX 77066
Ph: [281] 569-3500 • Fax: [281] 569-3508
www.riteks.com