

## RiteZinc RZ 2k Series

### Zinc Rich Epoxy Primer

#### General Description

RiteZinc RZ 2k Series is a two component Zinc Rich Epoxy designed for Direct to Metal applications where superior corrosion resistance is required. There is 88% zinc in the dried film to cathodically(galvanic) protect ferrous metals such as steel and iron. With the appropriate topcoat RiteZinc RZ 2k Series is suitable for severe environments including offshore, underground, caustic and immersion service.

#### Mixing and Thinning Instructions:

RiteZinc RZ 2k Series is a two component material and requires a hardener. Agitate each component thoroughly by shaker or mixer before combining. Mix 4 parts by volume RiteZinc RZ 2k Series with one part RZ100B hardener. Shake for 10 minutes after combining. If material will not be used within 10 minutes, re-agitate or use continuous mixing during application to ensure a uniform consistency of zinc in the film. No reduction is necessary. If reducing or thinning is required, please contact your Ritek's 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. For maximum protection, prepare the substrate by abrasive blasting to a profile of 2.0-4.0 mils per NACE SSPC -SP10. Metal surface must be 5 degrees above the dew point temperature.

RiteZinc RZ 2k Series can be applied with airless spray @ 2500-3500 psi and 0.017-0.025 tips, HVLP or Conventional. Brush and Roll can also be used for application.

#### Clean up:

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

#### Typical Mixed Properties

Color:	Gray
Type:	Epoxy/Amine
Viscosity (25°C):	85- 90 KU's
Specific Gravity (25°C):	3.36-3.40
Density (25°C):	28.0-28.3 lbs/gal
% Solids (by Volume):	65-68%%
Solids (by Weight):	88-92%
VOC:	2.2-2.6 lbs/gal
VOC (less water/exempt):	2.2-2.6 lbs/gal
Flash Point:	79°F
Gloss:	Low°
Recommended DFT:	3- 5 mils (75-125 um)
Maximum DFT:	8 mils (200 um) 1058
Coverage:	ft2 @ 1.0 mil 15 min
Dry @ 75 degrees F:	touch 2 hrs handle 8 hrs hard
Pot life @ 75°F:	8 hrs
Mix Ratio:	4:1
Salt Fog(ASTM B117)	3000-3500 hrs w/o topcoat; >5000 hrs w/ topcoat

*Typical properties given do not constitute a supply specification.*

#### Packaging/Storage

RiteZinc RZ 2k Series is available in 1-gallon kits, 4-gallon kits and 55-gallon steel drums. For additional packaging options, please contact your local Ritek's 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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