

KEMPERTEC® 1K AQUA RI PRIMER

Rust Inhibiting Primer For KEMPEROL® 1K AQUA

PRODUCT DESCRIPTION

KEMPERTEC® 1K AQUA RI Primer is a low VOC, high performance, high bonding, rust inhibiting primer. It dries to a hard, non-yellowing, moisture and corrosion resistant finish.

COMPOSITION & MATERIALS

KEMPERTEC® 1K AQUA RI Primer formulated from a 100% acrylic elastomeric resin.

USE

KEMPERTEC® 1K AQUA RI Primer is a high-quality rust inhibitive primer for all types of metal surfaces, including iron and steel, where corrosion is a problem. Provides an excellent adhesion base for KEMPEROL® 1K AQUA coating.

ORDERING INFORMATION

KEMPERTEC® 1K AQUA RI PRIMER:

Item#: 528-10-105 Size: 5 GAL pails (18.9 liters)

LIMITATIONS

Do not apply below 50°F (10°C) or when rain is forecast. Surfaces must be completely dry. Applications during periods of low temperatures or high humidity will extend dry time. **KEEP FROM FREEZING.**

STORAGE

Review **Safety Data Sheets** before handling, available online at www.kempersystem.com. Always store in cool and dry location. Do not store in direct sunlight or in temperatures below 50 °F (10 °C) or above 80 °F (27 °C). Approximate shelf life months with proper storage.

SURFACE PREPARATION

Remove existing rust by wire brushing and power washing. Be sure surface is free of rust, loose mill scale, grease, dirt and other foreign materials before applying primer. Severely rusted panels should be replaced. A good practice is to clean only what can be primed that same day.

APPLICATION

Mix thoroughly prior to and during application. Apply using a soft brush, roller or spray equipment. For airless spray use a .015" to .023" tip, and equipment capable of maintaining 2000 – 2500 psi. For conventional spray use Graco 210-961 Series A or equivalent with .070" cap and .061" needle at 40-50 psi. **DO NOT THIN.**

COVERAGE

Apply at 300 ft² / GAL (.163 L/sq. m).

NOTE: Coverage may vary depending on the actual condition of the surface. The coverage rates shown are intended as minimum application recommendations. Over corrugated and irregular metal surfaces, allow for additional surface area by multiplying total square feet by 1.15.

DISPOSAL

Cured KEMPERTEC® 1K AQUA RI Primer may be disposed of in standard landfills. This is accomplished by thoroughly mixing all components. KEMPERTEC® 1K AQUA RI Primer must be disposed of in accordance with local, state and federal regulations. Do not throw uncured primer away.

PRODUCT INFORMATION	
Resin Type	100%
Solvent	water
VOC Content	<250 grams / liter
Film Thickness Wet	3.0 - 4.0 Mils
Film Thickness Dry	1-1.5 Mils
Film Thickness To Touch	1-3 Hours
Dry Times (at 77°F 50% Relative Humidity)	3 Hours To Recoat 7-14 Days Full Cure
Weight Solids	44% +/- 2%
Volume Solids	36% +/- 2%
Flash Point	N / A
SUSTAINABILITY INFORMATION	
% Bio-based Material	0%
Recycled content % (post / pre)	0 / 0
Manufacture location	ILLINOIS

DISCLAIMER

NO WARRANTY, EXPRESS OR IMPLIED, IS MADE IN THIS DOCUMENT. THE PRODUCT IS NOT CLAIMED TO BE MERCHANTABILITY OR FIT FOR ANY PARTICULAR PURPOSE. User and certified Kemper System America, Inc. (KSA) applicators determine suitability only. See individual KSA product data sheets, SDS sheets, guide specifications and details for complete information regarding the suitability, application, and handling of KSA products.