

## KEMPERTEC® 1K AQUA SP PRIMER

Single-Ply Membranes & Kynar® Coated Roof Primer

### PRODUCT DESCRIPTION

KEMPERTEC® 1K AQUA SP Primer is a single-component, low-odor, low-solvent, low VOC primer for Single-Ply membranes and Kynar® coated roofs.

### COMPOSITION & MATERIALS

KEMPERTEC® 1K AQUA SP Primer is a single-component, water-based acrylic elastomeric polymer.

### USE

KEMPERTEC® 1K AQUA SP Primer is designed as a primer over weathered Single-Ply membranes and Kynar® metals to enhance the adhesion of KEMPEROL® 1K AQUA coating.

### ORDERING INFORMATION

KEMPERTEC® 1K AQUA SP PRIMER:

Item#:                    Size:  
528-15-105    5 GAL pails (18.9 L)

### YIELD

SINGLE PLY MEMBRANES: 1 GAL / 100 ft<sup>2</sup>  
KYNAR® METAL: 1 GAL / 100 ft<sup>2</sup>

*NOTE: See specifications for roof surface for application rates and detailed instructions.*

### LIMITATIONS

Do not apply below 50°F (10°C) or when rain is forecast. 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](http://www.kempersystem.com). Always store in a 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 24 months with proper storage.

### SURFACE PREPARATION

All surfaces must be free from gross irregularities, loose, unsound or foreign material such as dirt, ice, snow, water, grease, oil, release agents, lacquers, or any other condition that would be detrimental to adhesion to the substrate. KEMPERTEC® Klean must be used on Single-Ply surfaces for cleaning the surface. **IMPORTANT:** Where ponding water conditions persist beyond 48 hours, roof drains or other corrective measures must be installed to eliminate water build-up.

*NOTE: Prior to opening the containers of KEMPERTEC® 1K AQUA SP Primer, wear appropriate safety glasses and protect hands and wrists by wearing gloves.*

PRODUCT INFORMATION		
Vehicle Base	water based acrylic polymer	
Weight per GAL	11.5 lbs	
Dry film thickness (@ 1 GAL/100 ft <sup>2</sup> / GAL less surface absorption)	6.4 mils	
Dry Time @ GAL / 100 ft <sup>2</sup>	1 – 2 hours	
pH	8.0 +/- 0.5	
SUSTAINABILITY INFORMATION		
% Bio-based Material	0%	
Recycled content % (post / pre)	0 / 0	
Manufacture location	NORTH CAROLINA	
PROPERTIES		
PHYSICAL PROPERTY	TEST METHOD	VALUE
VOC Content	Method 24	0 g / L
Solids by weight	ASTM D1644 Method A	70%
Viscosity at 77°F (25°C)	ASTM D4878	6,000 cps

## **APPLICATION**

Apply with a soft bristle brush, medium nap roller or airless spray. Do not over work when rolling or brushing surface. Using airless spray equipment, recommended air pressure of 2,700 to 3,000 psi at the reversible spray tip, not a paint tip with the atomizer bar, as these will cause the product to go down uneven and aerate the product. Tip size depends on the speed of application, recommended sizes are 0.019 – 0.023 and hose size 3/8”.

Make sure the primer dries completely, uncoated primer will pick up dust, dirt and debris. Apply KEMPEROL® 1K AQUA Coating per specification as soon as the primer is dry. Keep the recoat time between coating and primer to a minimum.

## **DISPOSAL**

Cured KEMPERTEC® 1K AQUA SP Primer may be disposed of in standard landfills. KEMPERTEC® 1K AQUA SP Primer must be disposed of in accordance with local, state and federal regulations. Do not throw uncured primer away.

## **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.