

Technical Data Sheet

KEMPERTEC® R Primer



**Two component work pack includes:
Component A: Base Resin, Component B: Hardener**

Product Description

KEMPERTEC® R Primer is a quick-cure, low VOC, high bonding primer used between acceptable prepared substrates and KEMPEROL® cold liquid-applied reinforced membrane and coating systems.

Composition & Materials

KEMPERTEC® R Primer is a solvent-free, "odor-free", high solids, 2-part, polyurethane substrate primer.

Use

KEMPERTEC® R Primer is used to prime a wide range of substrates including bitumen roofing, coated-glass faced high-density polyiso cover board, plywood, steel, galvanized steel, aluminum, lead, copper, zinc, glass and other substrates. Please see the Substrate Primer Selection Table for a complete list.

Limitations:

Primer may be applied only when the ambient temperature is 41 °F (5 °C) or rising, and the substrate temperature is a minimum of 5 °F (3 °C) degrees above the dew point.

KEMPEROL® membrane must be applied to primer within 7 days of primer application. Primer exposed for more than 7 days must be re-primed in accordance with KSA TECHNICAL DEPARTMENT requirements.

Yield

25 ft² (2.3 m²) per 1 kg work pack.

Note: All yields are approximate and may vary depending upon smoothness and absorbency of substrate.

Storage

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 12 months with proper storage.

For best use, 24 hours before application, the material is to be acclimated at temperatures between 65-70 °F (18-21 °C).

Precautions

Review Safety Data Sheets before handling, available online at www.kempersystem.net.

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 of the primer and substrate. This requires careful preparation of existing horizontal and vertical substrates; cracks are filled, expansion joints are prepared, flashings are removed or modified, and termination points are determined. Substrates and penetrations are prepared to SSPC-SP3 standards, and may require scarifying, sandblasting or grinding in some cases to achieve a suitable substrate.

Note: Prior to opening the containers of KEMPERTEC® R Primer, wear appropriate safety glasses and protect hands and wrists by wearing gloves.

Mixing of Primer

Step 1: Remove bag from the aluminum packaging. Knead cream-colored resin Component A thoroughly until a uniform color is achieved.

Step 2: Pull away the rubber cord separating the two components so that Components A and B can be mixed together. Knead the bag quickly and thoroughly for approximately 1 minute so that a homogenous primer is formed. The primer should be a uniform color, with no light or dark streaks present.

NOTE: KEMPERTEC® R primer is extremely quick-curing. Apply immediately after mixing.

Sustainability Information	
% Biobased Carbon Content ASTM D6866-21	54%
Recycled content % (post / pre)	0/0
Manufacture location	Buffalo, NY

Primer Properties	
Physical Property	Value
Color	Translucent / Amber
Physical State	Cures To Solid
VOC Contents	3 g/l
Usage Time*	5-10 minutes
Water Resistant After*	2 hours
Cures After*	3 hours
Apply Membrane / Coating after*	3 hours

** values obtained at 73°F, 50% relative humidity, may vary depending upon air flow, humidity and temperature.*

Application

After the KEMPERTEC® R Primer is mixed, cut off one corner of the bag and pour all of the primer onto the substrate surface or into a clean new mixing pail. Working quickly, apply at the recommended coverate rate. The primer should be rolled or brushed evenly onto the surface in a cross directional method to fully cover to the substrate in one application. Allow to set approximately 3 hours prior to application of the KEMPEROL® membrane or coating system.

Note: KEMPEROL® membrane may be applied when the primer is completely dry and without tack. Do not apply KEMPEROL® membrane to tacky or wet primer.

Disposal

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

Ordering Information

KEMPERTEC® R Primer work pack:

Item #:

Size:

326-00-010

0.25 US GAL (0.95 L) • 1.0 kg