

Product Information

KEMPERTEC® D Primer

Two component work pack includes:

Component A: Base Resin, Component B: Hardener

Product Description

KEMPERTEC® D Primer is a high bonding primer used between acceptable prepared substrates and KEMPEROL® cold liquid-applied reinforced membrane and coating systems.

Composition & Materials

KEMPERTEC® D Primer is a solvent free, high solids, 2-part, cold-applied liquid polyurethane primer.

Use

KEMPERTEC® D 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 degrees above the dew point.

KEMPEROL® membrane must be applied to primer within 8 days of primer application. Primer exposed for more than 8 days must be re-primed in accordance with KSA Technical Department requirements.

Yield

125 ft² (11.6 m²) / 5 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 35 °F (1.7 °C) or above 80 °F (27 °C). Approximate shelf life 24 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 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® D Primer, wear appropriate safety glasses and protect hands and wrists by wearing gloves.

Mixing of Primer

Step 1: Premix Component A thoroughly with a spiral agitator.

Step 2: Pour Component B into Component A and mix the components for approximately 2 minutes with a clean spiral agitator on slow speed without creating any bubbles or streaks. DO NOT AERATE. DO NOT THIN PRIMER. The primer solution should be a uniform color, with no light or dark streaks present.

NOTE: DO NOT break down units into smaller quantities – mix the entire work pack.

Sustainability Information	
Rapidly Renewable Resource	60%
Recycled Content % (post / pre)	0 / 0
Manufacture Location	Buffalo, NY, USA

Primer Properties	
Physical Property	Value
Color	Translucent/Amber
Physical State	Cures to solid
VOC Contents	3 g/l
Usage Time*	30 minutes
Water Resistant After*	3 hours
Cures After*	12 hours
Apply Membrane/Coating After*	12 hours

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

Application

After the Primer Resin is mixed, apply approximately 125 ft²/ 5 kg work pack. The Resin should be rolled or brushed evenly onto the surface in a cross directional method to fully cover the substrate in one application. Allow primer to set approximately 12 hours prior to application of the KEMPEROL® membrane.

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® D Primer may be disposed of in standard landfills. This is accomplished by thoroughly mixing all components. Note: Uncured KEMPERTEC® D Primer Resin is considered a hazardous material and must be handled as such, in accordance with local, state and federal regulations. Do not throw uncured resin away.

Ordering Information

KEMPERTEC® D Primer Work pack:

Item #:	Size:
525-00-055	1.23 US GAL (4.67 L) • 5.0 kg