

Technical Data Sheet

KEMPEROL® 1K-LF Flashing

Product Description	KEMPEROL® 1K-LF Flashing is a single-component, UV-stable, “low-odor” solvent free, Low VOC, high performance cold liquid-applied resin for patching, repairs and flashings of roofing and waterproofing systems. KEMPEROL® 1K-LF Flashing reinforced membrane system was designed for easy application under difficult circumstances such as application to damp surfaces, or where alkali resistance is required.
Composition & Materials	A monolithic membrane is created in the field by applying the KEMPEROL® 1K-LF Flashing single-component, cold liquid-applied silane based moisture-cure resin with KEMPEROL® premium polyester reinforcing fleece. Membrane must be applied using premium fleece (available with a 13 inch nominal width).
Use	KEMPEROL® 1K-LF Flashing membrane is suitable for flashing and repair in both interior and exterior applications including roofs, plazas, planters, foundations, mechanical rooms and other waterproofing applications.
Limitations	KEMPEROL® 1K-LF Flashing may be applied when the ambient temperature is 41 °F (5 °C) and rising, and the substrate temperature is a minimum of 5 degrees above the dew point. The maximum application temperature is approximately 104 °F (40 °C). Note: Viscosity increases with falling temperature.
Yield	KEMPEROL® Premium 165 Fleece: 25 ft ² (2.32 m ²) per 6.5 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 41 °F (5 °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 the adhesion of the membrane. This requires careful cleaning and preparation of existing surfaces. Existing membranes should first be cleaned with a solvent cleaner, such as KEMPERTEC® Klean or MEK, and abraded with a 60 grit sand paper. Concrete and metal surfaces should be thoroughly cleaned and abraded with a hand grinder.
Priming	After surface preparation, the following substrates do not require priming; Existing cold fluid-applied membranes, Modified Bitumen membranes, PVC single-ply membranes, concrete, brick, CMU, wood and metal. For all other surfaces please refer to the Kemper System Substrate Primer Selection Table, found in the Technical Manual.

