

Technical Data Sheet

KEMPEROL® 022

Pack includes:

Component A: Gray Formulation, Component B: Amber Formulation



Product Description

KEMPEROL® 022 is a two-component, high performance, cold-liquid applied, solvent-free, low VOC, crack-spanning resin for waterproofing beneath tile and stone applications.

Composition & Materials

A seamless and monolithic crack isolation membrane is created in the field by combining the KEMPEROL® 022, a solvent free, cold liquid-applied, 2-part polyurethane / epoxy hybrid resin with the KEMPEROL® 500 fleece, a non-woven polyester reinforcement.

Use

KEMPEROL® 022 fully reinforced membrane is suitable for interior waterproofing applications for a variety of substrates beneath tile and stone, shower pans, bathrooms, water features, kitchens, mechanical rooms and other wet room applications. TCNA tested, exceeds ANSI A118.10 and A118.12 specification standards.

Listed with **IAPMO** (certificate # 10470) for shower pan liners.

Limitations

KEMPEROL® 022 membrane is not intended for exterior applications and UV exposure. The membrane must be covered up with a thin-set or a setting bed and tile within eight (8) days of application.

KEMPEROL® 022 may be applied when the ambient temperature is 50° F (10° C) and rising, and the substrate temperature is a minimum of 5° F (-15° C) degrees above the dew point. The maximum application temperature is approximately 95° F (35° C).

Yield

KEMPEROL® 500 fleece: 30 s.f. (2.8 kg/m²) per 6 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, water, grease, oil, release agents, lacquers, or any other condition that would be detrimental to adhesion of the primer and membrane. 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 rigorous industry standards, and may require scarifying, sandblasting or grinding in some cases to achieve a suitable substrate.

Ensure that new cement board and plywood has had an opportunity to dry before applying Resin. All cover board and plywood joints, and pipe penetrations should be treated with KEMPERTEC® Joint Sealant and stripped with the 6" wide KEMPEROL® 500 fleece and KEMPEROL® 022 resin.

