

KeraStik 2-1

adhesive & moisture control membrane

KeraStik 2-1 is a high performance flooring adhesive and moisture control, membrane all in one.

Ideal for various substrates including concrete, terrazzo, ceramic tiles, vinyl sheets, timber, plywood and cement backer board. Suitable for bonding parquet, cork, solid strip softwood, hardwood, engineered, and bamboo flooring.

ENHANCED MOISTURE PROTECTION

Keratrade KeraStik 2 in 1 exhibits exceptionally low moisture vapor permeability and remains unaffected by moisture exposure. Consequently, when the concrete slab is adequately prepared, fully cured, and dry to the touch, the need for expensive and time-consuming moisture testing is eliminated.

ANTI-FRACTURE PERFORMANCE

The elastomeric properties of the material enable it to be effectively bridge cracks up to 3mm that may develop in the substrate, either prior to or following installation. This exceptional elasticity ensures that the adhesive can accommodate the natural expansion and contraction of the wood in response to fluctuations in humidity and temperature throughout the lifespan of the flooring.

SUBSTRATE AND SURFACE PREPARATION

- Verify substrate has been installed in accordance with applicable standards and manufacturer guidelines.
- Ensure that the substrate is clean and devoid of oil, grease, sealers, curing compounds, paints, polymer coatings, dust, or any other contaminants that could compromise adhesion. Any weak or friable material must be thoroughly removed.
- The subfloor must be level to within 3mm over a distance of 3 meters, ensuring no gap exceeds 3mm when a straight edge is placed against the slab. If this tolerance is exceeded, the area should be leveled with Keratrade or Kerakoll self-leveller following the Technical Data Sheets.
- All surfaces must be structurally sound prior to application. Concrete slabs should be constructed in accordance with AS 2870 (Residential Footings and Slabs).
- Should there be any uncertainty regarding the necessary or appropriate preparation, please contact Keratrade prior to commencing the application.

APPLICATION GUIDELINES

- Achieve 80-95% contact coverage when the adhesive is used solely as an adhesive, and ensure 100% contact coverage when the adhesive also serves as a moisture control measure.
- Spread the adhesive evenly and commence the flooring installation immediately, applying sufficient pressure to guarantee complete adhesive contact.
- Periodically lift the boards immediately after installation to verify that proper slab coverage and transfer to the back of the flooring have been achieved.
- For solid strip flooring, the preferred method for maintaining pressure is to apply weight to the floor. In accordance with ATFA guidelines, the floor may also be temporarily or permanently nailed as an alternative.
- If a thin skin develops on the adhesive prior to installation, re-trowel at a 90° angle to the ridges until all signs of the original trowel marks are eliminated. Any adhesive that has cured excessively before flooring installation must be removed, and fresh adhesive should be reapplied.
- When nailing boards over plywood, it is essential to ensure that the nails do not penetrate the membrane between the plywood and concrete, as this will void the moisture warranty.

Important Notice: The concrete substrate must not possess a smooth and reflective surface; rather, it should exhibit a slightly textured and porous quality (CSP1-2). It is recommended to assess the substrate's absorption and texture in multiple locations across the job site. This can be done by applying droplets of water onto the slab. Within one minute, the water droplets should demonstrate signs of penetrating the substrate, indicated by the presence of a water stain on the concrete without a "domed" appearance. If there are no visible signs of water penetration after one minute, and if the droplets remain domed, it will be necessary to mechanically texture the substrate to achieve a CSP of 1-2. Kerastik 2 in1 must be fully cured prior to sanding. Allow a minimum of 24hrs



Uses: **Internal**
 Foot Traffic: **12 Hrs**
 Work time: **60min**
 Normal Uses: **24 Hrs**
 Coverage: **9-10m² @ 6mm V Trowel**
18-19m² @ 3mm Sq Trowel
 App Temp: **10-35°C**
 VOC Rating: **0 g/L**
(US RULE 1168)
 Clean Up: **Methylated Sprits**
 Size: **16KG**

COVERAGE

Coverage may vary based on substrate conditions and the size of the trowel utilized. The following provides estimated coverage for each 15.1L pail of Keratrade KeraStik 2 in 1.

ADHESIVE ONLY ADHESIVE

Application Coverage

Engineered hardwood flooring ≤ 12.7mm thickness
 (4.7 x 11.9mm V-Notch trowel) 11 – 12m²

Solid, engineered or bamboo up to 15.8mm thickness
 (6.35 x 6.35mm V-Notch trowel) 9 – 10m²

≤ 12.7mm thickness parquet or cork underlayment
 (3 x 3mm Square Notch trowel) 18 – 19m²

Solid, engineered or bamboo up to 15.8mm thickness
 (6.35 x 6.35mm Square Notch trowel) 8 – 9m²

MOISTURE CONTROL

Application Coverage

Engineered hardwood flooring >15.8mm thickness
 (6.35 x 6.35 x 3mm Square Notch trowel) 7 – 8m²

Solid, engineered or bamboo >15.8mm thickness
 (12.7 x 11.9mm V-notch trowel) 7 – 7.5m²

Solid wood or bamboo flooring >12.7mm thickness
 (6.35 x 6.35mm Square Notch trowel) 7 – 8m²

Solid, engineered or bamboo >15.8mm thickness
 (6.35 x 9.5) 7 – 7.5m²

CLEAN UP

Tools can be cleaned with Methylated Sprits or isopropyl

Item Code: KERASTIK 2-1-16KG

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keratrade.com.au

Store the product securely, and check with your local council regarding the disposal of contents. Dispose of packaging thoughtfully and recycle where possible. Keep out of reach of children. If you feel unwell, consult a doctor. For more information, refer to the Safety Data Sheet (SDS) available at www.buildgreen.au

GUARANTEE

BuildGreen guarantees that Keratrade Products are free from manufacturing defects and will meet any applicable specifications published by us for a period of 10 years from the date of purchase. Refer to the BuildGreen Guarantee.

DISCLAIMER

The technical details and recommendations are provided based on the best knowledge at the time. It is the user's responsibility to ensure the correct use and handling of the products in line with applicable Australian Standards. Users should verify that the product is appropriate for their specific applications and meets system specifications. We reserve the right to change information without prior notice as part of ongoing research and development.