

Biotex

Reinforced anti-cracking sheet. Suitable to even out tensile and sheer movements between the substrate and the surface finish. Also suitable for use as an anti-cracking product for tongue-and-groove hardwood floors on critical substrates. For internal floors.

For subsequent laying of ceramic tiles of all kinds, large formats, porcelain tiles, clinker and natural stone, using mineral adhesives from the Bio range.



PRODUCT STRENGTHS

- To reduce tensile and shear movements between the substrate and the surface finish
- Greater safety on critical and old substrates
- Flexible and long-lasting
- Only 0.65 mm thickness



AREAS OF USE

Use

Interior floor coverings.

Suitable for:

- suitable load-bearing substrates for laying, such as thoroughly dried concrete and cement based screeds (CT)
- old coating materials made of ceramic tiles and natural stone
- thoroughly dried load-bearing anhydrite screeds (CA)
- levelling products
- mixed, wood, cast asphalt substrates

INSTRUCTIONS FOR USE

Preparation of substrates

Irregular substrates must be levelled before laying the Biotex reinforced anti-cracking sheet, for example using a self-levelling product such as Keratech® Eco R30 or a thixotropic levelling product such as Keralevel® Eco LR.

Absorbent substrates must first be treated with Primer A Eco, while non-absorbent substrates must be treated with Keragrip Eco.

Preparation

Anti-cracking for ceramics tiles and natural stone:

Apply an adhesive from the Bio range to the prepared substrate, using a 4 – 6 mm notched trowel. Then apply Biotex on the still fresh adhesive, spreading it out without any creases while pressing it. When more than one sheet has to be laid, always allow for an overlap of 5 cm. The elastic joints in the building structure must also be repeated in the surface coating. Perimeter and fractionising joints must be incorporated for surface coatings. Lay the surface coating, taking care to ensure that the back of the tiles is completely coated with an adhesive from the Bio range, applied using a toothed spreader of a type suited to the size of the tile. It is not necessary to apply a coat of primer before laying.

Anti-cracking for hardwood floors (with tongue and groove):

The substrate must correspond to the requirements of DIN 18356, laying of hardwood floors. For bonding the anti-cracking sheet, hardwood floor adhesives Slc® Eco L34 Plus, Slc® Eco L34 Flex New, Slc® Eco L34 or Slc® Eco L34 Rapid must be used. Before final gluing of hardwood floors allow a drying time of at least 24 hrs.

Tools

Sharp knife, scissors.

TECHNICAL DATA COMPLIANT WITH KERAKOLL QUALITY STANDARD

Material	PET polyester nonwoven fabric
Colour	slightly greenish white
Roll format	length 50 m; width 1 m
Thickness	≈ 0.65 mm
Weight	≈ 150 g/m ²
Shelf life	in a dry place

Values taken at +23 °C, 50% R.H. and no ventilation. Data may vary depending on specific conditions at the building site, i.e. temperature, ventilation and absorbcency level of the substrate and of the materials laid.

PERFORMANCE

Maximum tensile strength:	- longitudinal 430 (N/50 mm)	
	- transversal 430 (N/50 mm)	
Maximum tensile dilation:	- longitudinal ≥ 30%	
	- transversal ≥ 30%	
Permeable to air	1100 ℓ/m ² s	
Flammability class	B2	DIN 4102

Values taken at +23 °C, 50% R.H. and no ventilation. Data may vary depending on specific conditions at the building site.

WARNING

- the technical instructions required for the above mentioned products are available from the Kerakoll Technical Area on the website www.kerakoll.com
- the safety sheets must be complied with, and can be requested.
- for any other issues, contact the Kerakoll Worldwide Global Service 01527 578000 - info@kerakoll.co.uk

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