

# Bioscud BT FIX

Elasto-plastic, thixotropic, solvent-based bituminous adhesive sealant for bonding and waterproof sealing on concrete, glass, metal, wood, porcelain tiles, PVC.

Bioscud BT FIX is specific for cold bonding and the repair of lesions on pre-shaped bituminous layers without using the flame. Suitable for bonding solvent-resistant insulating panels and in combination with non-absorbent materials.



## Rating 1

1. Specific for the cold bonding of pre-shaped bituminous layers (without using the flame)
2. Specific for the localized repair of damaged or hollow pre-shaped bituminous layers
3. Suitable for bonding any solvent-resistant insulating panel
4. Suitable in combination with non-absorbent materials
5. Suitable on porous substrates

- × Regional Mineral  $\geq 30\%$
- × VOC Low Emission
- × Solvent  $\leq 5$  g/kg
- ✓ Low Ecological Impact
- × Health Care

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## Areas of application

### → Use

Bonding of pre-shaped bituminous layers, solvent-resistant insulating panels and non-absorbent or porous materials.

Repair of lesions and small holes in pre-shaped bituminous layers.

Waterproof sealing of gaps and cracks on concrete, screeds, floors, plasters/renders and inorganic substrates in general.

Waterproof sealing of through elements, systems, different material contacts.

### Substrates:

- Old pre-shaped bituminous layers, sheet metal and wood
- Concrete and prefabricated reinforced concrete or fresh concrete castings
- Mineral screeds from Keracem Eco and Rekord ranges and cement-based screeds
- cement plasters and cement-lime mortar
- Ceramic tiles, glass, PVC, polymeric surfaces without plasticizers, clay block

### Do not use

- on floating or not perfectly anchored, damp, wet substrates or substrates subjected to rising damp
- in case of unfavourable drying conditions or in case of impending rain
- in case of exposure to strong sunlight or on warm surfaces
- on surfaces subject to foot traffic, trafficked surfaces or surfaces intended for glued heavy covering
- for waterproofing in negative thrust
- when high levels of acid and base resistance is required
- in contact with hydrocarbons, in the presence of sparks or open flames
- in contact with exposed stone materials
- on films or coatings in PP, PE and Teflon
- to correct uneven areas, do not apply in high thicknesses
- to bond EPS and XPS panels and/or in direct contact with these types of panels

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## Instructions for use

### → Preparation of substrates

Solid, cohesive, clean substrates; clean thoroughly to remove any substance that might compromise direct adhesion to the substrate (dust, oil, grease, efflorescence, bad-anchored paints).

### → Preparation

The product is ready-to-use.

### → Application

Apply with a mechanical or pneumatic extruder. Properly fill the whole part to be sealed avoiding the formation of air bubbles.

### → Cleaning

Clean and remove the fresh product with turpentine.

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## Abstract

*Waterproof sealing of joints, gaps and cracks with single-component, elasto-plastic, thixotropic, solvent-based bituminous adhesive sealant for bonding and waterproof sealing on concrete, glass, metal, wood, porcelain tiles, PVC, such as Bioscud BT FIX by Kerakoll Spa.*

*Bonding of pre-shaped bituminous layers, solvent-resistant insulation panels and non-absorbent or porous materials, repair of lesions and small holes in pre-shaped bituminous layers with single-component, elasto-plastic, thixotropic, solvent-based bituminous adhesive sealant for bonding and waterproof sealing on concrete, glass, metal, wood, porcelain tiles, PVC, such as Bioscud BT FIX by Kerakoll Spa.*

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<b>Technical Data compliant with Kerakoll Quality Standard</b>	
Appearance	Black paste
Specific weight	≈ 1,01 kg/dm <sup>3</sup>
Chemical nature	bituminous dispersion in solvent
Solid content	≥ 71% ± 2%
Shelf life	≈ 18 months from production in the original sealed packaging
Warning	protect from frost and avoid direct exposure to sunlight and store away from sources of heat store in a well-ventilated area
Pack	300 ml cartridge
Temperature range for application	from +5 °C to +35 °C
Waiting time between 1st and 2nd coat	≥ 6 hrs
Open time	≥ 30 min.
Maximum thickness applicable per coat	< 1 cm
Interval before normal use	≈ 7 – 15 days
Coverage:	
- as an adhesive	≈ 1 m <sup>2</sup> per cartridge
- as a sealant	≈ 10 m for cartridge (5x5 mm joint)

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Values taken at +23 °C, 50% R.H. and no ventilation.

**Performance****HIGH-TECH****Adhesion (peeling):**

- on concrete	≥ 0,8 N/mm <sup>2</sup>	ASTM C 794
- on new bituminous layers	≥ 0,8 N/mm <sup>2</sup>	ASTM C 794
- on sheet metal	≥ 0,8 N/mm <sup>2</sup>	ASTM C 794

**Working temperature** from -10 °C to +90 °C

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

## Warning

- Product for professional use
- abide by any standards and national regulations
- protect from rain and condensation for 24 hrs
- do not add binders or other materials to the product
- do not apply on dirty, loose, warm surfaces or surfaces exposed to strong sunlight, or in case of impending rain
- when covering with water-based Bioscud rainproof product, wait until the solvent has completely evaporated (7-14 days)
- if necessary, ask for the safety data sheet
- for any other issues, contact the Kerakoll Worldwide Global Service +39 0536 811 516 - [globalservice@kerakoll.com](mailto:globalservice@kerakoll.com)



The Rating classifications refer to the GreenBuilding Rating Manual 2012. This information was last updated in April 2023 (ref. GBR Data Report – 05.23); please note that additions and/or amendments may be made over time by KERAKOLL SpA; for the latest version, see [www.kerakoll.com](http://www.kerakoll.com). KERAKOLL SpA shall therefore be liable for the validity, accuracy and updating of information provided only when taken directly from its institutional website. The technical data sheet given here is based on our technical and practical knowledge. As it is not possible for us to directly check the conditions in your building yards and the execution of the work, this information represents general indications that do not bind Kerakoll in any way. Therefore, it is advisable to perform a preliminary test to verify the suitability of the product for your purposes.