

# Biotack

Mineral slurry adhesive to fix vitrified tiles and natural stones of all types and formats on floor using the wet-on-wet technique.



1. Full coverage
2. Easy to use
3. Guaranteed workability
4. Ensured adhesion
5. Maximum workability
6. Does not stain
7. Does not shrink
8. Ideal for large formats
9. Does not cause efflorescence

## Rating 4

- ✓ Regional Mineral  $\geq 60\%$
- × Recycled Mineral  $\geq 30\%$
- ✓  $\text{CO}_2 \leq 250 \text{ g/kg}$
- ✓ VOC Very Low Emission
- ✓ Recyclable



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## Areas of application

### → Use

#### Surfaces:

- fresh screeds made with Biocem
- fresh cement based screeds

#### Materials:

- ceramic tiles
- vitrified tiles
- stable natural stone

### Uses:

- floors
- for internal use - external
- domestic applications
- commercial applications
- street furniture

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## Instructions for use

### → Preparation of the surface

All surfaces must be dimensionally stable according to IS 1443-1972, level, cured, undamaged, compact, rigid, resistant, dry and free from any debonding agents and from damp rising.

If screed made with Biocem binder is used, refer to the related technical data sheet.

### → Adhesive preparation

Grey and white: mixing water  $\approx$  9.5 – 10.5 litres of clean water per bag

The amount of water indicated on the packaging is indicative. It is possible to obtain desired consistency of mixture according to the application demand.

### → Application

The screed must be compacted to make it perfectly level and suitable for fixing covering materials.

The degree of mechanical resistance must be adequate for the use of the flooring.

Create elastic expansion joints:

- $\approx$  10 m<sup>2</sup> in external applications,
- $\approx$  25 m<sup>2</sup> in internal applications,
- every 8 metres in long, narrow applications.

Respect all structural, fractionizing, and perimeter joints present in the surfaces.

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## Special notes

### → Materials and special surfaces

Marble, natural stones and recomposed materials in general may have characteristics that vary even with reference to materials of the same chemical and physical nature. For this reason it is essential you consult Kerakoll India Helpline to request specific indications or to carry out a test on a sample of the material.

Check for the presence of any really consistent traces of rock dust created during cutting, and remove them if found.

### → Application

The adhesive thickness will depend on the following factors that must be checked on site:

- warpage of tiles and stones
- slabs dimension
- screed levelness
- use

Do not use on screeds that have started to set; on surfaces subject to moisture rising; on surfaces subject to vibrations.

# Certificates and marks



<b>Technical Data compliant with Kerakoll Quality Standard</b>		
Shelf life	≈ 12 months in the original packaging in dry environment. Protect from humidity	
Pack	25 kg bags	
Adhesive thickness	2 – 10 mm	
Temperature of the air, substrates and materials	from +5 °C to +35 °C	
<b>Pot life:</b>		
- +23 °C	≈ 3 hrs	
- +35 °C	≈ 2 hrs	
Open time at +23 °C (BIII tile)	≥ 30 min.	EN 12004-2
<b>Foot traffic:</b>		
- +23 °C	≈ 24 hrs	
- +35 °C	≈ 18 hrs	
<b>Grouting joints:</b>		
- +23 °C	≈ 7 days	
- +35 °C	≈ 5 days	
<b>Ready for use at +23 °C / +35 °C:</b>		
- foot traffic	≈ 4 / 2 days	
- heavy traffic	≈ 6 / 3 days	
Coverage	≈ 1.2 kg/m <sup>2</sup> per mm of thickness	

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 absorbency level of the substrate and of the materials laid.

**Performance****VOC Indoor Air Quality (IAQ) - Volatile organic compound emissions**

Conformity	EC 1 plus GEV-Emicode	GEV Certified 5730/11.01.02
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**HIGH-TECH**

Tensile adhesion (concrete/vitrified tiles) after 28 days	$\geq 0.5 \text{ N/mm}^2$	EN 12004-2
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**Durability test:**

- adhesion after heat ageing	$\geq 0.5 \text{ N/mm}^2$	EN 12004-2
- adhesion after water immersion	$\geq 0.5 \text{ N/mm}^2$	EN 12004-2

Working temperature	from $-40 \text{ }^\circ\text{C}$ to $+90 \text{ }^\circ\text{C}$
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Values taken at  $+23 \text{ }^\circ\text{C}$ , 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
- do not use the adhesive to correct surface irregularities
- protect from direct rainfall for at least 24 hrs
- the temperature, ventilation and absorption of the surface and covering materials to be fixed may cause variations in the adhesive workability and setting times
- use the right size of toothed trowel for the format of the tile or slab
- guarantee a full-bed in all external laying operations
- if necessary, ask for the safety data sheet
- for any other issues, contact the Kerakoll India Helpline (Toll Free) 1800-200-6550 - info@kerakollindia.com

The Rating classifications refer to the GreenBuilding Rating Manual 2012. This information was last updated in August 2024 (ref. GBR Data Report – 08.24); 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 site 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.