

BIO TACK



MINERAL SLURRY ADHESIVE TO FIX VITRIFIED TILES AND NATURAL STONES OF ALL TYPES AND FORMATS ON FLOOR USING THE WET-ON-WET TECHNIQUE.



FEATURES AND ADVANTAGES

FULL COVERAGE	ENSURED ADHESION	DOES NOT SHRINK
EASY TO USE	MAXIMUM WORKABILITY	SUITABLE FOR LARGE FORMATS
GUARANTEED WORKABILITY	DOES NOT STAIN	DOESN'T CAUSE EFFLORESCENCE

GREENBUILDING RATING®

- Category: Inorganic Mineral Products
- Class: Mineral adhesives for ceramic tiles and natural stone
- Rating: Eco 2

				 Very low VOC emissions	 Can be recycled as inert material

RATING SYSTEM ACCREDITED BY CERTIFICATION BODY SGS

- The GreenBuilding Rating® is a dependable and reliable evaluation method for measuring and improving the environmental performance of building materials.

ECO NOTES

- Single-component; avoiding the use of plastic cans reduces CO₂ emissions and the need to dispose of special waste
- Can be recycled as mineral inert material, avoiding waste disposal costs and environmental impact
- With very low volatile organic compound emissions

COMPLIANCE AND CERTIFICATIONS



AREAS OF USE

The combination of surfaces, materials and uses indicated may not always be possible to achieve. It is essential that you consult the individual product technical sheets to check their suitability. Information not mentioned on this list must be requested directly from the Kerakoll India Helpline.

SURFACE

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



• **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 9 litres of clean water per bag

• **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:

- ≈ 10 m² in external applications,
- ≈ 25 m² in internal applications,
- every 8 metres in long, narrow applications.

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



The SAFE FIXING ON SITE method has the aim of testing adhesives both using relevant standards and in some of the most extreme conditions that can be met on site, using rigorous scientific methods and some of the most modern technology currently available in the Kerakoll® GreenLab.



• **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.

• **Do not use**

- On screeds that have started to set.
- On surfaces subject to moisture rising.
- On surfaces subject to vibrations.

WORKABILITY

Pack	25 kg	
Shelf life	≈ 12 months in the original packaging Protect from humidity	
Adhesive thickness	2 mm	
Coverage	≈ 1,2 kg/m ² per mm of thickness	
Temperature of the air, substrates and materials	from +5 °C to +35 °C	
Pot life	+23 °C	≈ 3 hrs
	+35 °C	≈ 2 hrs
Open time (Bill tile according EN 14411)		
	+23 °C	≥ 60 min.
Foot traffic	+23 °C	≈ 24 hrs
	+35 °C	≈ 18 hrs
Grouting	+23 °C	≈ 7 days
	+35 °C	≈ 5 days
Ready for use at +23 °C / +35 °C		
- light foot traffic	≈ 4 / 2 days	
- heavy traffic	≈ 6 / 3 days	

PERFORMANCE

VOC INDOOR AIR QUALITY (IAQ) - VOLATILE ORGANIC COMPOUND EMISSIONS

Conformity	EC 1-R plus GEV-Emicode	GEV certified 5730/11.01.02
Tensile adhesion (concrete/vitrified tiles) after 28 days	≥ 1 N/mm ²	EN 1348
Durability test:		
- adhesion after heat ageing	≥ 1 N/mm ²	EN 1348
- adhesion after water immersion	≥ 1 N/mm ²	EN 1348
- adhesion after freeze-thaw cycles	≥ 1 N/mm ²	EN 1348
Working temperature	from -40 °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.

GENERAL NOTICES

- 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

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The Eco and Bio classifications refer to the GreenBuilding Rating® Manual 2012. This information was last updated in February 2015 (ref. GBR Data Report - 02.15); please note that additions and/or amendments may be made over time by KERAKOLL SpA; for the latest version, see 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.