

Biogel Ready

Ready-to-use gel adhesive for high-adhesion, high-deformation laying with no vertical slip.

Biogel Ready develops high elasticity and a long adjustability time making it possible to quickly and safely lay coverings on flexible or deformable substrates, even diagonally.



1. Thixotropic mixture
2. High flow rate
3. High deformability
4. With no vertical slip
5. Solvent-free

Areas of application

→ Use

Laying of ceramic tiles on internal floors and walls.

Substrates:

- mineral or cement-based screeds
- cement, gypsum and scagliola plasters
- plasterboard, gypsum brick, concrete block and cellular concrete walls
- prefabricated concrete and fresh concrete castings
- gypsum or anhydrite
- chipboard, plywood and similar materials

Materials:

- porcelain tiles, low thickness slabs, ceramic tiles, klinker, cotto, glass and ceramic mosaic, of all types and formats
- natural stone, recomposed materials and marble not subjected to deformation or staining due to water absorption
- slabs of insulating or soundproofing material

Uses:

- on internal floors and walls, even in damp areas such as bathrooms, showers and kitchens
- domestic
- commercial
- industrial

Do not use:

- in external applications
- on moistened substrates or substrates subject to moisture rising
- in environments where water is always present
- with low-absorption ceramic tiles on non-absorbent substrates.

Instructions for use

→ Preparation of substrates

The substrate must be even, dry, free from dust, oil and grease, free of any rising moisture, with no loose debris, flaky or parts. Uneven areas will be corrected in advance with suitable finishing products. A primer is normally not necessary when laying on gypsum or anhydrite. Nevertheless, check that the substrate is perfectly dry, laid in a single layer and without any thin finishing, that may be imperfectly anchored and therefore not suitable for the tile covering.

→ Preparation

Biogel Ready is ready-to-use and does not need any preparation. In any case, before use it is advisable to remix the product well inside the container to ensure the mixture is of an even consistency. The high thixotropy of Biogel Ready means it can also be used on walls. Any excess adhesive can be kept for later use by putting the lid back on the container.

→ Application

Biogel Ready should be applied directly to the substrate with a suitable toothed spreader; use a quantity of adhesive sufficient to ensure full tile wettability of the back. Lay tiles while the adhesive is fresh, pressing them lightly to ensure perfect adhesion. Ceramic tiles do not normally have to be wetted in advance, however check for any traces of dust or dirt.

→ Cleaning

Residual traces of Biogel Ready can be removed from tools and covered surfaces with water before the product hardens.

Certificates and marks



* Émission dans l'air intérieur Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).

Technical Data compliant with Kerakoll Quality Standard		
Appearance	white paste	
Pack	buckets 17 kg	
Shelf life	≈ 24 months in the original packaging	
Warning	protect from frost, avoid direct exposure to sunlight and sources of heat	
Temperature range for application	from +5 °C to +35 °C	
Open time	≥ 30 min.	EN 12004-2
Adjustability	≥ 45 min.	
Foot traffic	≈ 24 hrs	
Grouting	≈ 12 hrs on walls / ≈ 24 hrs on floors	
Interval before normal use	≈ 7 days	
Coverage per mm of thickness *	≈ 1.6 kg/m²	
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. (*) Can vary depending on the irregularity of the substrate and the format of the tile.		

Performance		
VOC Indoor Air Quality (IAQ) - Volatile organic compound emissions		
Conformity	EC 1 plus GEV-Emicode	GEV certified 14793/11.01.02
HIGH-TECH		
Shear adhesion after 14 days	≥ 1.5 N/mm ²	EN 12004-2
Adhesion to concrete after 28 days	≥ 1.5 N/mm ²	EN 12004-2
Durability test:		
- shear adhesion after heat ageing	≥ 1.5 N/mm ²	EN 12004-2
- shear adhesion after water immersion	≥ 0.5 N/mm ²	EN 12004-2
- shear adhesion after high temperature	≥ 1.5 N/mm ²	EN 12004-2
Vertical slip	≤ 0.5 mm	EN 12004-2
Working temperature	from -30 °C to +80 °C	
Conformity	D2 TE	EN 12004

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

Warning

- Abide by any standards and national regulations

→ store and use at a temperature above +5 °C.
Protect from frost

→ do not use the adhesive to correct substrate irregularities

→ lay and press tiles onto fresh adhesive, making sure it has not formed a surface skin

→ do not use the product in external applications, in swimming pools or environments where water is always present
- the temperature, ventilation and absorption of the substrate and covering materials, may vary the adhesive workability and setting times

→ 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



This information was last updated in March 2022; please note that additions and/or amendments to this information 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.