Code: P980 2026/11 AU/EN

Biogel No Limits

Exclusive Kerakoll geo-binder based, structural flexible multi-purpose gel adhesive for bonding all types of material, on all substrates, and for all use, even in extreme conditions.



1. **Thixotropic and fluid**
2. **Full wettability**
3. **High deformation**
4. **Specifically intended for laying large slabs**

kerakoll

Areas of application

→ Use
Substrates No Limits:
- existing tiles
- waterproofing products
- heated floors
- cement-based screeds and self-levelling products
- lime and cement-based plasters/renders
- concrete
- cellular concrete
- plasterboard
- gypsum and anhydrite (1)
- to overlay existing floors
- fibro-cement slabs
- thermal insulation panelling systems
- insulating panels
- timber (1)
- metal (1)
- PVC (1)

(1) *After application of Active Prime Fix or Active Prime Grip*

→ Materials No Limits:
- porcelain tiles
- laminated stoneware
- low thickness slabs
- ceramic tiles
- large ceramic slabs
- marble - natural stone
- recomposed materials
- glass mosaics
- glass tiles
- thermal and acoustic insulation
- terracotta - klinker

→ Uses No Limits:
- adhesive and finishing
- floors and walls
- for internal use - external
- overlaying
- terraces and balconies
- facades
- swimming pools and fountains
- saunas and spa
- domestic
- commercial
- industrial
- street furniture

Do not use on organic-based, reactive waterproofing products (such as RM according to EN 14891).

Instructions for use

→ Preparation of the substrate
All substrates must be level, cured, undamaged, compact, rigid, resistant, dry and free from any debonding agents and from damp rising. It is good practice to dampen highly absorbent concrete substrates or apply a coat of Active Prime Fix or Active Prime Grip.

→ Preparation
The substrate must comply with current technical regulations and national standards.

Mixing water (EN 12004-2):
Grey:
Normal consistency (EN 12004-2 § 6) = 30% - 32% weight (≈ 7.5 - 8 l / 1 bag)
Fluid consistency ≈ 36% - 38% weight (≈ 9.0 - 9.5 l / 1 bag)

White Shock: Normal consistency (EN 12004-2 § 6) = 25%-27% weight (≈ 6.25 - 6.75 l / 1 bag)
Fluid consistency ≈ 31%-33% weight (≈ 7.75 - 8.25 l / 1 bag)

Mix Biogel No Limits using clean water until a smooth and lump-free mixture is obtained; leave the mixture to stand for a few minutes and mix again.
Comply with the amounts of water indicated, according to the application to be carried out

→ Application
To guarantee structural adhesion it is necessary to apply a layer of adhesive sufficient to cover the entire back of the coating material.
Large, rectangular sizes with sides > 60 cm and low thickness sheets may require adhesive to be applied directly to the back of the material.

Instructions for use

Check samples to make sure the adhesive has been transferred to the back of the material. Respect structural, fractionizing, and perimeter joints present in the substrates. Abide by local existing provisions when creating elastic expansion joints.

→ Cleaning
Clean the tools and any residues of the product from the surfaces using water while the adhesive is still fresh. Once hardened, the adhesive can only be removed by mechanical means.

Special notes

→ Materials and special substrates
- Marble–natural stones and Recomposed materials: materials that are subject to deformation or staining due to water absorption require a quick-setting or reactive adhesive. Marble and natural stone 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 Global Service to request specific indications or to carry out a test on a sample of the material. In the absence of specific indications from the manufacturer, natural stone slabs with reinforcement layers, in the form of resin coating, polymer mesh, matting, etc. or treatments (for example damp courses, etc.) applied on the laying surface must be tested in advance to ensure they are compatible with the adhesive. Check for the presence of any really consistent traces of rock dust created during cutting, and remove them if found.
- Waterproofing products: adherent and floating polymer sheets, liquid bitumen and tar-based sheets or membranes require application of a laying screed on top.

→ Special applications
- Facades: the substrate should guarantee a cohesive tensile strength of ≥ 1.0 N/mm².
- The need to call for suitable mechanical safety anchoring must be evaluated by the designer for coverings with > 30 cm side.
- For coverings with > 60 cm, add to the mixing water a percentage of Top Latex to assess the function of the thermo-dynamic strain provided by the structure.
- Always apply a layer of adhesive directly on the back of the material.

Certificates and marks

CE EN 12004 · C2 TE S1 EN 12004 · DCL PRODUCT CONFORMITY · S-P-01437 EPD environdec.com · FDES VERIFIED inies · GEV-EMICODE EC1 PLUS VERY LOW EMISSION · eco 1 · RTS EMISSION CLASS FOR BUILDING MATERIAL M1 · EMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

** 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 or grey pre-mixed powder	
Pack	25 kg	
Shelf life	≈ 12 months in the original packaging in dry environment. Protect from humidity	
Thickness	from 2 to 15 mm	
Temperature range for application	from +5 °C to +35 °C	
Pot life at +23 °C		
- Grey	= 4 h	
- White Shock	= 4 h	
Open time at +23 °C:		
- Grey	= 30 min.	EN 12004-2
- White Shock	= 30 min.	EN 12004-2
Time required until fully frost-proof:		
- from +5 °C to -5 °C	≈ 8 h	
Foot traffic/grouting of joints at +23 °C:		
- Grey	≈ 24 h	
- White Shock	≈ 24 h	
Grouting in walls at +23 °C:		
- Grey	≈ 12 h	
- White Shock	≈ 12 h	
Ready for use at +23 °C / +5 °C:		
- light foot traffic	≈ 2 – 3 days	
- heavy traffic	≈ 3 – 7 days	
- swimming pools (+23 °C)	≈ 14 days	
Coverage per mm thickness:		
- Grey (mixing ratio 32%)	≈ 1.25 kg/m^2	
- White Shock (mixing ratio 33%)	≈ 1.25 kg/m^2	

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	Cert. GEV 7582/11.01.02
HIGH-TECH		
Shear adhesion (porcelain tiles/porcelain tiles) after 28 days	≥ 2.5 N/mm²	ANSI A-118.4
Tensile adhesion (concrete/porcelain tiles) after 28 days	≥ 2.5 N/mm²	EN 12004-2
Durability test:		
- adhesion after heat ageing	≥ 1 N/mm²	EN 12004-2
- adhesion after water immersion	≥ 1 N/mm²	EN 12004-2
- adhesion after freeze-thaw cycles	≥ 1 N/mm²	EN 12004-2
- adhesion after straining cycles	≥ 1 N/mm²	SAS Technology
Vertical slip	≤ 0,5 mm	EN 12004-2
Transversal deformation	≥ 2.5 mm	EN 12004-2
Working temperature	from -40 °C to +90 °C	
Conformity	C2 TE S1	EN 12004

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

Warning

→ Abide by any standards and national regulations
→ do not use the adhesive to correct substrate irregularities greater than 15 mm
→ protect from direct rainfall for at least 24 hrs
→ the temperature, ventilation and absorption of the substrate and covering materials, may vary the adhesive workability and setting times
→ use the right size of notched 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 Worldwide Global Service +39 0536 811 516 - globalservice@kerakoll.com

Kerakoll Quality System ISO 9001 CERTIFIED IT10/0327

Kerakoll Quality System ISO 45001 CERTIFIED 18586-I

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