Elastik

Ready-to-use organic adhesive for high-deformation laying with high adhesion no vertical slip of porcelain tiles, ceramic tiles and natural stone.

Elastik develops high elasticity and a long adjustability time making it possible to quickly and safely lay coverings on flexible or deformable substrates, even diagonally, without creating any tension in the covering.



1. **Internal flooring and walls**
2. **Suitable for porcelain and ceramic tiles, large formats, glass mosaic, low thickness slabs and stable natural stone on mineral or cement-based substrates**
3. **Suitable for use on absorbent, gypsum- or anhydrite-based substrates without a primer**
4. **Ideal on wood and wood derivative substrates that are water-stable**

kerakoll

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
Elastik 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 Elastik 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
Elastik 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.
Respect structural, fractionizing, and perimeter joints present in the substrates. Abide by local existing provisions when creating elastic expansion joints.
Standard UNI 11493: joints must divide the surface into areas of the following sizes:
- ≈ 10 m² in external use
- ≈ 25 m² in internal use

→ Cleaning
Residual traces of Elastik 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).*

Abstract

High-performance laying of ceramic tiles, porcelain tiles and marble must be performed with a ready-to-use, organic adhesive for high-deformation laying with no vertical slip, compliant with EN 12004 – Class D2 TE, such as Elastik by Kerakoll Spa. A ____ mm toothed spreader must be used for an average coverage of ≈ ___ kg/m². Existing joints must be respected, create elastic fractionizing joints every ___ m².
Tiles must be laid with joints of ___ mm width.

Technical Data compliant with Kerakoll Quality Standard		
Appearance	white paste	
Pack	20 / 5 kg buckets	
Shelf life	≈ 12 months from production in the original sealed packaging	
Warning	protect from frost, avoid direct exposure to sunlight and sources of heat	
Temperature range for application	from +10 °C to +35 °C	
Open time	≥ 30 min.	EN 12004-2
Adjustability	≥ 1 hr	
Foot traffic	≈ 24 hrs	
Grouting	≈ 12 hrs on walls / ≈ 24 hrs on floors	
Interval before normal use	≈ 7 days	
Coverage per mm of thickness	≈ 1.7 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.

Performance		
VOC Indoor Air Quality (IAQ) - Volatile organic compound emissions		
Conformity	EC 1 plus GEV-Emicode	GEV certified 2950/11.01.02
HIGH-TECH		
Shear adhesion after 14 days	≥ 3.5 N/mm²	EN 12004-2
Adhesion to concrete after 28 days	≥ 2 N/mm²	EN 12004-2
Durability test:		
- shear adhesion after heat ageing	≥ 3.5 N/mm²	EN 12004-2
- shear adhesion after water immersion	≥ 0.5 N/mm²	EN 12004-2
- shear adhesion after high temperature	≥ 3.5 N/mm²	EN 12004-2
Open time	≥ 30 min.	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 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, please contact the Kerakoll Worldwide Global Service +39 0536 811 516

Kerakoll Quality System ISO 9001 CERTIFIED IT10/0327

Kerakoll Quality System ISO 45001 CERTIFIED 18586-I

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