

Geolite Base

Preparation coat for horizontal concrete surfaces.

Geolite Base is specifically intended for the preparation of substrates in the realisation of high-thickness patching on concrete slabs, floors and horizontal structures. It regulates water absorption by the substrate, allowing proper and natural application and monolithic adhesion of the geo-mortar to the substrate.



Rating 5

1. Regulates water absorption and promotes proper crystallisation of the geo-mortar
2. For internal and external use
3. Ready-to-use
4. Easy-to-identify brown product
5. Suitable even at low temperatures
6. Ideal for application with roller or spray gun

- ✓ VOC Very Low Emission
- ✓ Water Based
- ✓ Solvent ≤ 15 g/kg
- ✓ Low Ecological Impact
- ✓ Health Care

Areas of application

→ Use

Preparation of mineral substrates, such as concrete slabs, floors and horizontal structures in general, before the application of geo-mortar to regulate absorption and promote adhesion guaranteeing the monolithic quality of the patch layer.

Do not use on highly flexible substrates, substrates which may present a risk of strong dimensional movement and moistened substrates.

Instructions for use

→ Preparation of substrates

The substrates must be free of dust, oil and grease, dry, with no loose and flaky debris or imperfectly anchored parts such as residues of cement, lime, paint coatings and adhesives, which must be completely removed. The substrate must be dry, stable, non-deformable and have already completed the curing period of hygrometric shrinkage. Mechanical scarification of substrates is always recommended, according to the technical data sheet of the applied geo-mortar.

→ Preparation

Geolite Base is ready-to-use, do not dilute. Shake the can before use.

→ Application

Geolite Base can be applied with a brush, roller or spray gun. Apply a uniform film up to saturation point (on highly absorbent substrates repeat the operation repeatedly wet-on-wet). The colouring allows the user to check the application is complete.

Before overlaying, wait 1 to 8 hours according to the environmental conditions and make sure the film of Geolite Base has hardened and is "touch dry", presenting only a minor degree of stickiness to the touch. Repeat the operation after more than 8 hours.

→ Cleaning

Residual traces of Geolite Base can be removed from tools using 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

Preparation of concrete slabs, floors and horizontal structures in general before laying of geo-mortars, by application using a spray, roller or brush of a certified, single component preparation coat specifically designed to regulate absorption and the natural crystallisation and solid adhesion of the geo-mortar to the substrate, such as Geolite Base by Kerakoll, GreenBuilding Rating 5.

Technical Data compliant with Kerakoll Quality Standard

Appearance	brown liquid	
Volumetric mass	≈ 1.01 kg/dm ³	
Shelf life	≈ 12 months from production in the original sealed packaging	
Warning	protect from frost, direct exposure to sunlight and sources of heat	
Pack	5 kg cans	
Viscosity	≈ 20,360 mPa · s, rotor 2 RPM 1	Brookfield method
pH	≈ 7.83	
Temperature range for application	from +5 °C to +35 °C	
Waiting time before laying	from 1 to 8 hrs	
Coverage	≈ 0.2 – 0.5 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.

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

Conformity	EC 1 plus GEV-Emicode	GEV Certified 3629/11.01.02
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HIGH-TECH

Adhesion to concrete after 7 days	≥ 2.5 MPa
Tensile strength on a non-absorbent substrate after 7 days	≥ 2 MPa

Warning

- Product for professional use
- abide by any standards and national regulations
- check that the substrate is perfectly clean, dry, and compact
- do not add binders, inert materials or additives
- if the product has been washed away or removed mechanically, it will have to be replaced by a further application
- do not use as a promoter for plasters, mortars and screeds with semi-dry consistency or high granulometric grading
- if necessary, ask for the safety data sheet
- for any other issues, contact Kerakoll Customer Care +91-22-2839 5593 / 1800 102 4957 - info@kerakollindia.com

The Rating classifications refer to the GreenBuilding Rating® Manual 2012. This information was last updated in May 2022 (ref. GBR Data Report – 05.22); 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.