Keradur

Certified, water-based deep consolidant for absorbent substrates.

Keradur restores continuous mechanical resistances to fragmented, cement-based or mineral substrates before laying ceramic tiles, porcelain tiles, natural stones, hardwood floors, carpeting and resilient materials.



1. Ready-to-use
2. For internal and external use
3. High chemical stability
4. Deep penetration
5. Suitable for heated substrates

kerakoll

Areas of application

→ Intended use:
Consolidation of absorbent substrates before applying finishing products or laying coverings.

Products suitable for overlaying:
- Mineral adhesives
- single-component and two-component organic mineral adhesives
- mineral finishing, levelling and self-levelling products
- cement-based, dispersed and reactive adhesives
- cement or gypsum-based finishing and levelling products and plasters

Substrates:
- absorbent, cement-based screeds
- cement-based plasters and cement-lime mortar

Flooring and walls, in domestic, commercial, industrial applications

Do not use on non-absorbent, gypsum or anhydrite-based or wet substrates subjected to continual moisture rising; in environments in continuous contact with water; as a waterproofing treatment; to increase the mechanical resistance of the substrate.

Instructions for use

→ Preparation of substrates
- Substrates must be absorbent, dry, free from dust, oil and grease, free from moisture rising, with no loose and flaky debris already breaking off, dimensionally stable, non-deformable and with no cracks.
- Residues of varnishes and paints must be removed completely.
- Where necessary, a compact surface layer must be roughened to allow the consolidant to penetrate deep within the substrate.

→ Preparation
Keradur is a ready-to-use product for all types of floor and wall applications and on all types of absorbent substrates. Shake the can well before opening in order to redisperse the liquid evenly.

→ Application
Keradur must be spread evenly across the surface to be treated using a brush, roller or sprinkler, checking that it is absorbed totally by the substrate. During treatment, do not allow Keradur to build up on the surface forming a shiny film. Constantly check the state of consolidation of the surface being treated. apply several coats to highly absorbent substrates, waiting until the previous coat has dried completely before proceeding with the next. In such cases, higher quantities of the product will be required.

→ Cleaning
Residual traces of Keradur can be removed from tools with water before the product has completely dried.

Special notes

→ After using Keradur and at such times as the covering is to be laid, check that the humidity level of the substrate is suitable for the type of covering selected.

→ After using Keradur and before overlaying finishing products, levelling products, mineral self-levelling products, levelling coats, cement and gypsum-based plasters/renders, it is recommended to apply Active Prime Fix or Active Prime Grip as an adhesion promoter.

→ Where hardwood floors or other coverings subjected to a high degree of movement are to be laid, check the actual consolidation of the substrate by conducting one or more tensile strength tests and check the residual moisture level deep in the substrate using a calcium carbide hygrometer.

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

The certified consolidation of fragmented, flaky, cement-based substrates with a high level of dust formation must be applied before laying ceramic and porcelain tiles, marble, natural stone, hardwood floors, moquette and resilient materials using a water-based depth consolidant, such as Keradur manufactured by Kerakoll Spa. Apply to the surface to be treated using a brush or sprinkler in accordance with the absorbency of the substrate for an average coverage of ≈ ____ kg/m².

Technical Data compliant with Kerakoll Quality Standard		
Appearance	transparent liquid	
Specific weight	≈ 1.16 kg/dm³	
Shelf life	≈ 12 months from production in the original sealed packaging	
Warning	protect from frost, avoid direct exposure to sunlight and sources of heat	
Pack	25 - 5 kg cans	
Viscosity	≈ 24 mPa · s, rotor 1 RPM 100	Brookfield method
pH	≈ 11.95	
Temperature range for application	from +5 °C to +35 °C	
Waiting time before laying:		
- ceramic tiles	≥ 24 hrs	
- hardwood floors and resilient materials	when R.H. ≤ 2%	
Coverage	≈ 0.5 – 2 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.

Performance		
VOC Indoor Air Quality (IAQ) - Volatile organic compound emissions		
Conformity	EC 1 plus GEV-Emicode	GEV certified 1234/11.01.02

Values taken at +20 °C, 65% R.H. and no ventilation. Data may vary depending on specific conditions at the building site.

Warning

→ abide by any standards and national regulations
→ do not use at temperatures below +5 °C and in the presence of high relative air humidity that would prevent any excess water from evaporating
→ do not use on substrates which are damp or subjected to moisture rising
→ check substrate adhesion before overlaying
→ check that a film of the product does not build up on the surface
→ measure the residual moisture of the substrate before laying permeable coverings
→ only use on cement-based substrates
→ if necessary, ask for the safety data sheet
→ for any other issues, contact the Kerakoll Worldwide Global Service - info@kerakoll.ae

This information was last updated in January 2023; 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 site 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.

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