Grinkol

Certified, organic mineral adhesive to lay vinyl floors and carpet on absorbent substrates.

Grinkol develops an extended open time and high tack for the safe laying of PVC on absorbent substrates and of carpet even on non-absorbent substrates.



1. Long open time
2. High initial setting
3. Suitable for heated substrates
4. Suitable to fix self-laying carpet tiles with absorbent backing
5. Approved for marine use

kerakoll

Areas of application

→ Use
Laying of vinyl coverings and wall tiles on absorbent and non-absorbent substrates.

Materials:
- PVC (cloth and tiles)
- cushion-floors
- polyolefin
- carpeting with natural or synthetic jute backing, or rubber or polyurethane-foam backing

Substrates:
- levelling and self-levelling mineral products
- cement-based screeds
- anhydrite screeds)
- cast asphalt
- wood panels
- marble and derivative products
- non-absorbent surfaces of mineral origin

Internal floors in domestic, commercial and sports applications. Suitable for heated substrates. Suitable for floors subject to concentrated loads, castors and wheels (EN 12529).

Field of application Directive CE MED
Dispersed resin-based adhesive for bonding of resilient materials.
Mass per area (g/m²) 717 ± 5%
Thickness (mm) 3 ± 5%
As decks finishing materials. The product may be applied to any non-combustibile support, any metallic support or any material having low flame spread characteristics.

Do not use on external applications: on substrates subject to rising damp; in environments which are permanently damp or likely to get wet and in constant and continuous contact with water; to lay over existing PVC, linoleum, rubber flooring etc.

Instructions for use

→ Preparation of substrates
Substrates must be compact, solid, level, smooth. They must also be dimensionally stable, non-deformable, dry, clean and free of any rising moisture, cracks, dust and detaching substances.
Cement-based substrates must have residual moisture at a maximum of 2.5% or 2%, in case of under floor heating.
Anhydrite substrates must have residual moisture of a maximum of 0.5% or 0.2% in case of under floor heating.
Cement-based screeds with dusty surface, flaky or weak parts must be treated with Active Prime Fix as indicated in the technical data sheet.
Always treat heated subfloors with Active Prime Fix as indicated in the technical data sheet.
Uneven or excessively rough substrates must be adjusted and/or levelled with suitable products such as Keralevel Ultra, Keralevel, Flowtech Plus or Planogel Rheo.
Anhydrite substrates must be prepared according to the manufacturer's instructions and treated with Active Prime Fix as indicated in the technical data sheet.
Uneven or excessively rough substrates must be adjusted and/or levelled with suitable products such as Keralevel Ultra, Keralevel, Flowtech Plus or Planogel Rheo.

→ Preparation
The product is ready-to-use. Mix before use.

→ Application
- Application on absorbent substrates
Apply Grinkol on the substrate with a medium-short-bristle roller or a suitable toothed spreader (No. 1 or No. 3) depending on the type of the covering to be laid taking care that any residual dust is well incorporated.
Apply the adhesive to surfaces onto which, after a suitable evaporation time, the coating can be laid on the still fresh and sticky adhesive.
Thoroughly massage the covering in order to avoid the formation of air bubbles and ensure complete contact with the adhesive.
Massage or roll the covering again a few minutes apart.

Instructions for use

- Application on non-absorbent substrates
  Given the high residual tack of the Grinkol film, the adhesive can be used on non-absorbent mineral substrates (marble, granite, grit floors) for laying of carpet with absorbent backing.
  Apply Grinkol on the substrate with a suitable toothed spreader (no. 1 or no. 3) depending on the type of the covering to be laid. Wait for the water to evaporate and lay the covering on the sticky but almost dry adhesive layer.
  Thoroughly massage the covering in order to avoid the formation of air bubbles and ensure complete contact with the adhesive.
  Massage or roll the covering again a few minutes apart.
- Special applications
  It is possible to use Grinkol to fix self-laying carpet tiles with absorbent backing.
  In this case, dilute Grinkol at 5 - 10% using water and apply it on the substrate with a medium-short-bristle roller or with a toothed spreader (no. 1 or no. 3) depending on the type of substrate in order to obtain a layer of adhesive suitable to ensure complete contact with the covering.
- Wait for the water to evaporate and lay the covering on the sticky but dry adhesive layer.
  Thoroughly massage or roll the covering in order to avoid the formation of air bubbles and ensure complete contact with the adhesive.

→ Cleaning
Clean tools with water immediately. After Grinkol has hardened it can only be removed mechanically.

Special notes

→ Do not use at temperatures below +10 °C or in air humidity of more than 75%.
→ At low temperatures, the adhesive and covering must be allowed to adjust to the local conditions first.
→ In addition to the above information, installation instructions provided by the manufacturer of the floor coverings used must also be followed, along with the technical sheets applicable to other products mentioned.

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 laying of stable coverings in PVC, cushion-floors, carpeting, polyolefin must be carried out using single-component, organic mineral adhesive, such as Grinkol by Kerakoll Spa. The substrate must be permanently dry, even, smooth, compact, free from any loose debris, clean and cured, and the shrinkage stage already completed. For laying, a ____ toothed spreader must be used for an average coverage of ≈ ___ g/m².

Technical Data compliant with Kerakoll Quality Standard	
Appearance	beige paste
Pack	buckets 18 kg / 5 kg
Shelf life	≈ 12 months from production in the original sealed packaging
Warning	protect from frost, avoid direct exposure to sunlight and sources of heat
Application	notched trote
Temperature range for application	from +10 °C to +30 °C
Evaporation time	≈ 10 – 15 min. on absorbent substrates
	≈ 35 – 45 min. on non-absorbent substrates
Open time	≈ 90 min. depending on the amount applied and evaporation time
Foot traffic	immediate (softly)
Interval before normal use	≈ 24 – 48 hrs
Coverage:	
- using a roller	≈ 200 – 300 g/m²
- using a spreader	≈ 300 – 400 g/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 2467/11.01.02

Warning

→ Abide by any standards and national regulations
→ follow all applicable safety regulations and guidelines when using the product
→ if necessary, ask for the safety data sheet
→ for any other issues, contact the Kerakoll Worldwide Global Service - info@kerakoll.ae

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