R3 Plus

Certified, organic mineral adhesive, to lay PVC, LVT and rubber coverings up to a thickness of 3 mm, linoleum and carpet on absorbent substrates.

R3 Plus develops the best combination of open time, initial setting and durability for the safe, easy laying of PVC, LVT, rubber, carpet and linoleum on absorbent or almost non-absorbent substrates.



1. Suitable for heated substrates
2. Ideal for floors which have to bear concentrated loads and withstand the strain of furniture fitted with castors
3. Ideal for sheets, tiles and LVT

kerakoll

Areas of application

→ Use
Laying of coverings in vinyl, rubber, carpet, linoleum, on absorbent or almost non-absorbent substrates.

Materials:
- heavy vinyl coverings (cloth and tiles)
- cushion-floors
- carpeting with natural or synthetic jute backing, or rubber or polyurethane-foam backing
- PVC, polystyrene and expanded polystyrene panels for suspended ceiling
- civil rubber up to 3 mm thickness
- linoleum sheets and tiles

Substrates:
- levelling and self-levelling mineral products
- cement-based screeds
- anhydrite screeds
- absorbent wood panels

Internal floors in domestic, commercial and sports applications.

Do not use on external applications: on non-absorbent substrates, 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.

Instructions for use

→ Preparation of substrates
Substrates must be compact, solid, level, smooth and absorbent. 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.
Cast asphalt substrates must be primed with Active Prime Fix as indicated in the technical data sheet and 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
Apply R3 Plus evenly over the substrate using a roller or a suitable notched trowel (spreader no. 1 or no. 3) and make sure that any dust residues are completely mixed in with the adhesive. Apply the adhesive to the substrate; leave to evaporate properly then lay coverings on wet or sticky adhesive. Massage the covering carefully to make sure it makes full contact with the adhesive.
When working with coverings that are not very ductile, massage them again once the adhesive has reached a satisfactory level of initial setting.

→ Cleaning
Clean tools with water immediately. After R3 Plus 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 coverings in PVC, LVT, cushion-floors, carpeting with natural or synthetic jute backing, or rubber or polyurethane-foam backing, must be carried out using single-component, organic mineral adhesive, such as R3 Plus by Kerakoll Spa. The substrate must be permanently dry, even, smooth and absorbent, 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 / 5kg / 750 g
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 +30 °C
Evaporation time	≈ 10 min.
Open time	≈ 60 min. depending on the amount applied and evaporation time
Foot traffic	immediate (softly)
Interval before normal use	≈ 24 – 48 hrs
Coverage	≈ 250 – 350 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 5202/11.01.02

Warning

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

This information was last updated in September 2026; 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.

Kerakoll Gulf Trading LLC
Concord Tower, Al Sofouh 2
Dubai UAE

+971 (0)4 298 5715
info@kerakoll.ae

www.kerakoll.com