PU 70

Organic mineral adhesive to lay rubber, PVC and carpet flooring and artificial turf on absorbent and non-absorbent substrates.

PU 70 develops a strong bond resistant to water and washing for the safe laying of all types of domestic, industrial and sports rubber, PVC, carpeting and artificial turf.



1. For internal and external use.
2. Easy to spread
3. Suitable for heated substrates

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Areas of application

→ Laying of rubber and PVC floors on absorbent and non-absorbent substrates.

Materials:
- rubber
- PVC
- carpet
- linoleum
- artificial turf

Substrates:
- levelling and self-levelling mineral products
- cement-based screeds
- anhydrite screeds
- screeds produced with Keracem or Keracem Prontoplus
- wood panels
- existing marble, ceramic or similar floors
- cast asphalt screeds
- asphalt

Flooring for internal and external use, in domestic, commercial, industrial and sports applications. Suitable for heated substrates. Suitable for floors subject to concentrated loads, castors and wheels (EN 12529).

Do not use on substrates that are not dry or subjected to rising damp, on surfaces and bituminous materials with a possibility of oil migration.

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. Apply EP21 on dusty, highly absorbent cementitious substrates and on heated substrates. Irregular, uneven cement-based substrates must be levelled with Keralevel Ultra, Flowtech Plus or Planogel Rheo making sure that the whole surface is completely covered to a minimum total thickness of 3 mm. Anhydrite screeds must be sanded clean following the manufacturer's specific instructions, carefully removing dust, and treated with EP21. Cast asphalt screeds must be primed with EP21. Asphalt screeds must be carefully made with a solid, fine and well ancored finish, and must be appropriately seasoned. Before the use of the a.m. products, consult relevant technical data sheet.

→ Preparation
PU 70 is prepared by mixing together parts A and B from the bottom upwards, using a low-rev (≈ 400/min.) helicoidal mixer, respecting the mixing ratio of 9 : 1 of the packaging. Pour Part B into the bucket containing Part A, being careful to mix the two parts uniformly until a smooth, even coloured mixture is obtained.

→ Application
Apply PU 70 evenly over the substrate using a suitable toothed spreader, selecting the tooth size according to the rear of the covering. After allowing a suitable evaporation time, lay the covering on the layer of fresh adhesive, pressing sufficiently to ensure complete and even contact with the adhesive itself, then roll. Roll the covering again after approximately 2 – 3 hours. Rigid coverings must be weighted until the adhesive has set completely. When bonding externally it is best to allow the adhesive to rise up between the joints in the flooring, so as to “seal” and bond the joints themselves perfectly. Any excess adhesive should be removed using a cloth damped with alcohol or Diluente 01 thinner. The laid surface must not be walked on for at least 6 – 8 hours, until the adhesive has started to set.

→ Cleaning
Remove residues of PU 70 using Diluente 01 thinner before hardening occurs.

Special notes

→ In general, the coverings to be laid must have adjusted to working temperature, and must have been placed perfectly flat for at least 24 hours before laying.
→ Due to the variations in rubber mix, a test should be performed to check the bonding strength.
→ For certain types of rubber treated with paraffin or separating agents, the back of the tiles must be cleaned using suitable solvents such as Diluente 01 thinner.
→ In addition to the above recommendations, follow the coverings manufacturer's specific instructions.
→ Before laying, measure the moisture content of 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 laying of rubber, PVC and carpet flooring, linoleum and artificial turf for domestic, commercial, industrial and sports applications, must be carried out using two-component, organic adhesive, with a high level of resistance to water, such as PU 70 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, grey, black, red and green paste
Pack	monopack part A 9 kg + part B 1 kg
	part A bucket 4.5 kg / part B jar 0.5 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
Mixing ratio	9 : 1
Temperature range for application	from +10 °C to +30 °C
Pot life	≈ 1 hr
Open time	≈ 30 min.
Evaporation time	≈ 10 min.
Interval before normal use	≈ 24 – 48 hrs
Coverage	≈ 500 – 800 g/m² for materials with a smooth rear
	≈ 1000 – 1500 g/m² for materials with a rough or uneven rear

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.

Warning

→ Abide by any standards and national regulations
→ the temperature, ambient humidity, ventilation and absorption of the substrate and covering materials may vary the adhesive workability and setting times
→ 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

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.

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