

SP 70

Organic mineral adhesive to lay artificial turf on compact absorbent and non-absorbent substrates.

SP 70 develops a strong bond that is resistant to water and permanently damp environments, specifically intended to lay artificial turf pitches on concrete, asphalt and metal substrates.



Rating 2

1. Green in colour
2. Specifically intended for external laying
3. Easy to spread
4. Suitable for heated substrates

- ✓ Regional Mineral $\geq 30\%$
- × VOC Low Emission
- × Solvent ≤ 5 g/kg
- × Low Ecological Impact
- ✓ Health Care

Areas of application

→ Intended use:

Artificial turf laying on absorbent and non-absorbent substrates.

Materials:

- artificial turf
- joining strips used for artificial turf

Substrates:

- asphalt
- cement-based screeds
- cast asphalt screeds

Internal and external floors in domestic, 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

In general, substrates must be compact, solid, even and smooth. They must also be dimensionally stable, non-deformable, dry, clean and free of any rising moisture, cracks, dust and detaching substances. In any case the substrates must be produced and prepared according to the instructions for laying artificial turf pitches, and according to the applicable use and the relative standards and laws.

→ Preparation

SP 70 is prepared by mixing together parts A and B from the bottom upwards, using a low-rev ($\approx 400/\text{min.}$) helicoidal agitator, respecting the preset ratio of 11.7 : 1.3 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

Spread SP 70 evenly over the substrate using a suitable toothed spreader and be careful to ensure that any remaining dust is incorporated properly. Select the spreader tooth size so as to guarantee complete adhesion of the coverings. Normally spreader no. 3 or no. 4. Spread SP 70 directly over the substrate or on joining strips along edges. Cover a limited surface area with the adhesive, on which the covering can be laid while the adhesive is still fresh. Coverings must have adjusted to working temperature, and completely smoothed out. Press the covering down carefully to make sure it makes full contact with the adhesive layer. Roll the covering again after approximately 2 – 3 hours. The coverings that are not very ductile must be weighed down until the adhesive has set completely. The laid surface must not be walked on for at least 6 – 8 hours, until the adhesive has started to set.

→ Cleaning

Clean all tools immediately with Diluente 01 or with alcohol. After SP 70 has hardened it can only be removed mechanically.

Special notes

→ Due to the variations in mix of the flooring and cast asphalt substrates, a test should be performed to check the bonding strength.

→ 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.

Abstract

The laying of artificial turf for domestic and sports applications, must be carried out using two-component, organic adhesive, with a high level of resistance to water, GreenBuilding Rating 2, such as SP 70 by Kerakoll Spa. The substrate must be 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 \approx ____ g/m².

Technical Data compliant with Kerakoll Quality Standard

Appearance	green paste
Pack	part A: 11.7 kg bucket / part B: 1.3 kg tin
Shelf life	\approx 12 months from production in the original sealed packaging
Warning	protect from frost, avoid direct exposure to sunlight and sources of heat
Mixing ratio	11.7 : 1.3
Pot life	\approx 1 hr
Temperature range for application	from +10 °C to +30 °C
Open time	\approx 30 min.
Foot traffic	\approx 6 – 8 hrs
Interval before normal use	\approx 24 – 48 hrs
Coverage	\approx 700 – 1000 g/m ²

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 and of the materials laid.

Warning

- Product for professional use
- abide by any standards and national regulations
- do not use at temperatures of less than +10 °C
- 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 Gulf Service - info@kerakoll.ae

The Rating classifications refer to the GreenBuilding Rating Manual 2013. This information was last updated in June 2023 (ref. GBR Data Report - 06.23); 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.