

# S45

**Organic, neoprene adhesive for the double-spread laying of PVC, rubber, carpeting and linoleum, ideal for use in GreenBuilding. Single-component, safeguards the health of operators.**

S45, quickly starts and rapidly continues to set, guaranteeing the double-spread laying of floors, profile sections and skirting board, to create a cove connection between walls and floors and lay coverings on stairs, corners and vertical elements.



**SLC**  
TECHNOLOGY



**GREENBUILDING RATING®**

rating 1

RATING SYSTEM ACCREDITED BY CERTIFICATION BODY SGS

**PRODUCT STRENGTHS**

- Flooring and walls, for internal use
- Medium viscosity which makes it easy to apply and spread
- High initial setting

**AREAS OF USE**

**Use**  
Double-spread laying of steps, profile sections, skirting board, shells, floors and resilient material on absorbent and non-absorbent substrates.

**Materials:**

- PVC
- rubber
- carpet
- linoleum
- cork
- plastic laminate

**Substrates:**

- levelling and self-levelling mineral products
- cement-based screeds
- anhydrite screeds
- screeds produced with Keracem® Eco or Keracem® Eco ProntoPlus
- wood panels
- existing marble, ceramic, homogeneous tile or similar floors
- cast asphalt screeds
- steel sheets, metal etc..

Walls and floors. Interiors in residential and commercial buildings. Suitable for heated substrates. Suitable for floors subject to concentrated loads, castors and wheels (EN 12529).

**Do not use**  
In external applications, on substrates subject to moisture rising.

**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 Primer A Eco. Always treat heated subfloors with Primer A Eco.

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## INSTRUCTIONS FOR USE

Uneven or excessively rough substrates must be adjusted and/or corrected with suitable products such as Keralevel® Eco Ultra, Keratech® Eco, Keratech® Eco Plus, or Keralevel® Eco.

Anhydrite substrates must be prepared according to the manufacturer's instructions and treated with Primer A Eco.

Cast asphalt substrates must always be treated with Primer A Eco and must be finished with suitable products such as Keralevel® Eco Ultra, Keratech® Eco, Keratech® Eco Plus, or Keralevel® Eco.

### Preparation

Mix before use.

### Application

Apply S45 evenly over the substrate and the rear of the covering using a suitable toothed spreader. Select the spreader tooth size so as to guarantee complete adhesion of the coating, normally spreader no. 1. Be careful to ensure that any remaining dust is incorporated properly. Apply the adhesive to surfaces onto which, after a suitable evaporation time, the coating can be laid on the glue when it is dry but still adhesive. Massage the covering carefully and firmly to make sure it makes full contact with the adhesive layer. Once the coating has been laid and pressed it is not possible to make further adjustments. Protect from direct sunshine while laying and until the adhesive has set completely (approximately 3 days). Bonding of the coatings can be carried out after at least 24 hours.

### Cleaning

Clean all tools immediately with Diluente 01.

## 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.

## ABSTRACT

*The double-spread laying of steps, profile sections, skirting board, shells, floors and coverings in PVC, rubber, carpet, linoleum, cork, plastic laminate, must be carried out using single-component, organic adhesive, such as S45 by Kerakoll Spa, GreenBuilding Rating® 1. 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 ≈ \_\_\_\_ g/m<sup>2</sup>.*

## TECHNICAL DATA COMPLIANT WITH KERAKOLL QUALITY STANDARD

Appearance	straw yellow-coloured paste
Pack	10 kg bucket - jar 750 g
Shelf life	≈ 12 months in the original packaging
Warning	Protect from frost, avoid direct exposure to sunlight and sources of heat
Dilution	ready-to-use. If necessary, use Diluente 01
Temperature range for application	from +10 °C to +30 °C
Evaporation time	≈ 15 mins
Open time	≈ 60 min. depending on the amount applied and evaporation time
Foot traffic	immediate
Interval before normal use	≈ 24 – 48 hrs
Coverage	≈ 150 g/m <sup>2</sup> each side

*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

### - Product for professional use

- abide by any standards and national regulations
- read the Material Safety Data Sheet before use
- follow all applicable safety regulations and guidelines when using the product
- the product and its vapour are flammable. Aerate all environments during and after use
- keep away from fire and sparks, do not smoke
- it is recommended that you use a hand cream
- if necessary, ask for the safety data sheet
- for any other issues, contact the Kerakoll Worldwide Global Service +39 0536 811 516 - [globalservice@kerakoll.com](mailto:globalservice@kerakoll.com)

The Rating classifications refer to the GreenBuilding Rating® Manual 2013. This information was last updated in November 2019 (ref. GBR Data Report - 12.19); please note that additions and/or amendments may be made over time by KERAKOLL SpA, for the latest version, see [www.kerakoll.com](http://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 yards 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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