

# Slc® Eco S11



Eco-friendly, organic mineral adhesive to lay small and medium format hardwood floors, ideal for use in GreenBuilding. Single-component, safeguards the health of both operators and the environment.

Slc® Eco S11 is rapid setting that makes it extremely safe to lay prefinished and traditional hardwood floors in small and medium format of stable wood varieties on absorbent mineral/gypsum or anhydrite-based substrates.

## Product Strengths

- Thixotropic and easy to spread
- High initial setting
- Suitable for heated substrates

## GreenBuilding Rating

	 Mineral ≥ 30%	 VOC Low Emission	 SLV REDUCED Solvent ≤ 5 g/kg	 Low Ecological Impact	 Health Care
	Natural mineral content 64%			No environmental hazard rating	Non-toxic and non-hazardous

### Slc® Eco S11

- Category: Organic Mineral Products
- Class: Organic Mineral Adhesives for Hardwood Floors
- Rating: Eco 3

## Areas of use

### Use

Laying of wood floors made of stable wood varieties:

- wood mosaic
- industrial hardwood flooring
- solid wood tongue-and-groove strips up to 50 cm in length
- prefinished, pre-polished, tongue-and-groove plywood strips

### Substrates:

- cement-based screeds
- anhydrite screeds
- cast asphalt screeds
- wood panels

Interior floors in residential and commercial buildings. Suitable for heated subfloors.

### Do not use

To lay engineered wood floors and solid wood floors made of nervous species (such as beech, maple, ash...). For external use or on substrates subject to rising damp; on heated subfloors not properly prepared, on and anhydrite screeds and non-absorbent subfloors.

## Instructions for use

### Preparation of substrates

Substrates must be compact, solid, level, not too rough. They must also be dimensionally stable, non-deformable, dry, clean and free of any rising moisture, cracks, dust and detaching substances. The maximum moisture content of cement- or anhydrite-based screed must comply with applicable regulations. Cement-based screeds with high residual moisture (max 5%) or with dusty surface, flaky or weak parts must be treated with Primer CS Eco. Absorbent substrates with under floor heating must be treated with Primer CS Eco.

On a general basis anhydrite and heated subfloors can't be waterproofed and/or corrected with self levelling cement or gypsum-based products. Uneven or excessively rough substrates must be adjusted and/or levelled with suitable products such as Keralevel® Eco Ultra, Keratech® Eco R30, Keratech® Eco Flex. Read carefully the relevant technical data sheets before using the above listed products.

## Instructions for use

### Preparation

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

### Application

Apply evenly to the substrate using a suitable toothed spreader. Apply the adhesive to small areas at a time where the hardwood floors can be laid on the wet adhesive, pressing down hard enough to ensure full, even contact with the adhesive and making sure that none rises up between the strips. Leave  $\approx 7 - 10$  mm for expansion between the wood floor and the walls (or other vertical elements).

### Cleaning

Remove residual traces of Slc® Eco S11 from the surface while still wet using Slc® Eco Silomac. The product can be removed from tools with Slc® Eco Diluente 01 or alcohol. Once cured, the adhesive can only be removed by mechanical means.

## Special notes

Allow the floor to reach room temperature in the place where it is to be laid.

The traditional hardwood floors strips to be laid must have a moisture content of 7 – 11%.

Before laying, measure the moisture content of the substrate using a carbide hygrometer.

Before laying, measure the temperature of the substrate, and ambient temperature: they must exceed the minimum temperature value reported on technical data and/or be in accordance with applicable legislation.

In addition to the above recommendations, follow the hardwood floors manufacturer's specific instructions.

## Technical data compliant with Kerakoll Quality Standard

Appearance	paste colour oak
Pack	buckets 18 kg
Shelf life	$\approx 12$ months in the original packaging
Temperature range for application	from +10 °C to +30 °C
Warning	protect from frost, avoid direct exposure to sunlight and sources of heat
Interval before normal use of engineered floors	$\approx 24$ hrs
Open time	$\approx 15$ min.
Foot traffic	$\approx 12$ hrs
Waiting time before sanding	$\approx 3$ days after complete stabilisation of the hardwood floors
Coverage	$\approx 800 - 1200$ g/m <sup>2</sup> (SLC® n. 2 – 4 spreader)

*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 absorbcency level of the substrate.*

## Warning

### - Product for professional use

- follow all applicable safety regulations and guidelines when using the product
- the temperature, ambient humidity, ventilation and absorption of the substrate and covering materials may vary the adhesive workability and setting times
- keep the room(s) well aerated and use Slc® Eco Proman, a protective hand cream
- if necessary, ask for the safety data sheet
- for any other issues, contact the Kerakoll Worldwide Global Service - info@kerakoll.co.uk

This information was last updated in October 2010; 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.