

# Slc® Eco 3CW

**Eco-friendly, organic system to waterproof non-absorbent substrates with a high level of residual humidity, ideal for use in GreenBuilding. Three-component, solvent-free, safeguards the health of operators.**

Slc® Eco 3CW guarantees water-resistance to protect hardwood floors from residual humidity for a 100% eco-friendly safe laying on non-absorbent substrates and over old floors.



## GREENBUILDING RATING®

### Slc® Eco 3CW

- Category: Organic Mineral products
- Preparation of the substrates
- Rating: Eco 2

			Solvent-free	Non-toxic and non-hazardous	

RATING SYSTEM ACCREDITED BY CERTIFICATION BODY SGS

## PRODUCT STRENGTHS

- Specifically intended for non-absorbent substrates and absorbent, smooth and compact substrates
- Up to 5% CM residual humidity waterproofing product.
- Easy to apply with a roller



## ECO NOTES

- Improved on-site safety guaranteed

## AREAS OF USE

### Use

Waterproofing of absorbent and non-absorbent, smooth and compact, cement-based substrates with a high residual humidity (max. 5%).

### Compatible adhesives:

- organic mineral reactive two-component adhesives
- organic mineral reactive single-component adhesives
- reactive single-component and two-component adhesives

### Substrates:

- flooring in ceramic, marble-floor tiles and natural stone
- flooring in concrete smoothed with circular grinding machinery, compact and smooth screeds

Internal use, in residential and commercial buildings. Suitable for heated substrates.

### Do not use

On dusty or imperfectly anchored absorbent substrates, on anhydrite-based substrates; on substrates subject to moisture rising; for waterproofing of substrates containing heating systems and substrates that are sensitive to moisture.

## INSTRUCTIONS FOR USE

### Preparation of substrates

The substrates must be dimensionally stable, non-deformable, solid, free of cracks, clean, and free of separating substances. Check carefully for the possible presence of parting compound. Any cracks must be repaired with Kerarep Eco. Substrates consisting of existing marble, granite, ceramic or similar floors must be thoroughly cleaned or roughed and treated with Keragrip Eco Pulep.

## INSTRUCTIONS FOR USE

### Preparation

Shake well before use.

Pour Part A into a clean container, and add Part B in the preset ratio and mix carefully, preferably with an electric mixer with a rotation speed of 300 – 600 rpm, until the mixture is uniform. Add component C and mix until the paste is smooth and free of lumps. Dilute the mixture of the three components with 5 – 10% water and proceed with application.

### Application

Apply the first coat evenly with a brush or roller. Once fully dry, apply the second coat of Slc® Eco 3CW at right angles to the previous coat in order to create a smooth and continuous surface. Use coverage of  $\approx 500 \text{ g/m}^2$ .

### Cleaning

Clean Slc® Eco 3CW with water. After Slc® Eco 3CW has hardened it can only be removed mechanically.

## SPECIAL NOTES

Direct gluing with two-component and single-component reactive glues must be done within a few days of when Slc® Eco 3CW hardens; longer waiting times can lead to adhesion problems. If a longer wait is anticipated, the final coat of Slc® Eco 3CW should be sprinkled with Quarzo 5.12 or Quarzo 1.3 while it is still fresh.

Before the next application with a cement-based levelling and self-levelling products apply Keragrip Eco on Slc® Eco 3CW when fully dry, or sprinkle the last coat of Slc® Eco 3CW with Quarzo 5.12 while it is still fresh.

## TECHNICAL DATA COMPLIANT WITH KERAKOLL QUALITY STANDARD

Appearance:	
- part A	white fluid paste
- part B	translucent liquid
- part C	whitish powder
Specific weight:	
- part A	$\approx 1.50 \text{ kg/dm}^3$
- part B	$\approx 1.02 \text{ kg/dm}^3$
- part C	$\approx 2.90 \text{ kg/dm}^3$
Shelf life	$\approx 12$ months in the original packaging
Warning	protect from frost, avoid direct exposure to sunlight and sources of heat
Pack	packages totalling 5 kg
Temperature range for application	from $+10 \text{ }^\circ\text{C}$ to $+35 \text{ }^\circ\text{C}$
Mixing ratio:	Part A : Part B : Part C = 2 kg : 0.6 kg : 2.4 kg
Dilution	Water
Pot life	$\approx 1$ hr
Waiting time between the coats	$\approx 6 - 24$ hrs
Waiting time for next application	$\approx 2 - 4$ days
Interval before normal use	$\approx 7$ days
Coverage	$\approx 500 \text{ g/m}^2$

*Values taken at  $+23 \text{ }^\circ\text{C}$ , 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
- wait until the product is fully dry and the solvent has evaporated before proceeding with subsequent steps. This period will differ depending on environmental conditions, how well the premises are ventilated, the nature of the substrate, and the quantity applied
- follow all applicable safety regulations and guidelines when using the product
- keep the rooms well ventilated and use a protective hand cream
- if necessary, ask for the safety data sheet
- for any other issues, contact the Kerakoll Worldwide Global Service 01527 578000 - info@kerakoll.co.uk

The Eco and Bio classifications refer to the GreenBuilding Rating® Manual 2012. This information was last updated in October 2018 (ref. GBR Data Report - 10.18); 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.