

# Slc® Eco Silo-Pur Finish

**Eco-friendly, finish coat varnish to protect hardwood floors, ideal for use in GreenBuilding. Two-component, safeguards the health of the environment.**

Slc® Eco Silo-Pur Finish ensures a superior coverage finish and protection from wear and abrasion of wood floors of any type.



## GREENBUILDING RATING®

### Slc® Eco Silo-Pur Finish

- Category: Liquid organic products
- Class: Liquid organic varnishes for hardwood floors
- Rating: Eco 1

No environmental hazard rating					

RATING SYSTEM ACCREDITED BY CERTIFICATION BODY SGS

## PRODUCT STRENGTHS

- High-coverage finish in a two-coat cycle
- High resistance to wear and abrasion
- Compliant with Directive 2004/42/EC



## AREAS OF USE

### Use

High protection finish, extreme resistance to wear and abrasion for use on:

- traditional wood floors
- prefinished wood floors
- wood floors to be restored
- bamboo floors

Interior wood floors in residential and commercial buildings prepared with Slc® Eco Silo-Pur Basic or Slc® Eco Silo-Pur Basic Rapid

### Do not use

For external use applications or on wood floors in constant or frequent contact with water.

## INSTRUCTIONS FOR USE

### Preparation of substrates

Buff the hardwood floors until the surface is smooth, clean and free from oil, grease, wax, silicon and previous coats of varnish. Apply Slc® Eco Silo-Pur Flex (following the instructions on the data sheets) to fill cracks and irregularities. After ≈ 30 – 60 minutes sand the whole surface evenly with Slc® 100/120 grain abrasive paper.

Carefully remove any dust created during sanding and wipe away any residues using a Pulex anti-static cloth. Apply Slc® Eco Silo-Pur Basic or Slc® Eco Silo-Pur Basic Rapid (following the instructions on the relative data sheets). Once the product has fully hardened, sand the whole surface evenly with a Slc® Carbodur SIC 180/220 grain abrasive mesh disc.

Carefully remove any dust created during sanding and wipe away any residues using a Slc® Pulex anti-static cloth, then apply Slc® Eco Silo-Pur Finish. The moisture content of the wood must be between 9% and 11%.

### Preparation

The product is ready-to-use. Shake both components before use. Pour component A into a clean container and add component B whilst stirring, in accordance with the mix ratio for component A : component B = 1 : 1. Carefully mix the two components until the resultant liquid is an even colour. Set aside for 10 minutes before applying.

## INSTRUCTIONS FOR USE

### Application

Apply Slc® Eco Silo-Pur Finish using Slc® Roller Classic with a coverage of  $\approx 80 - 100 \text{ ml/m}^2$ .

When applying an additional coat of Slc® Eco Silo-Pur Finish, wait  $\approx 10 - 12$  hours then sand the whole surface evenly with a Slc® Carbodur SIC 220 abrasive mesh disc; carefully remove any dust created during sanding and wipe away any residues using a Slc® Pulex antistatic cloth, then apply the next coat of Slc® Eco Silo-Pur Finish.

### Cleaning

Remove residues of Slc® Eco Silo-Pur Finish with Slc® Eco Diluente 02 or Slc® Eco Diluente 01 thinner before hardening occurs. After it has hardened Slc® Eco Silo-Pur Finish can only be removed using mechanical tools.

## SPECIAL NOTES

Allow product to reach room temperature before use.

use clean containers and tools.

Once opened, the can must be used as quickly as possible.

for an even finish, apply evenly in accordance with the recommended quantities.

**Maintenance of hardwood floors:** varnished wood floors require regular maintenance. Use Slc® Eco Silopark neutral detergent to clean the surface. Use Slc® Eco Silolux or Slc® Eco Silowax for routine or extraordinary maintenance depending on wear.

## ABSTRACT

*The high coverage finishing and protection from wear and abrasion of the wood floor will be provided using a two-component, eco-friendly, water-based finish coat varnish compliant with Directive 2004/42/CE, GreenBuilding Rating® ECO 1, such as Slc® Eco Silo-Pur Finish by Kerakoll Spa, applied by roller in one or two coats of  $\approx 80 - 100 \text{ ml/m}^2$  per coat.*

## TECHNICAL DATA COMPLIANT WITH KERAKOLL QUALITY STANDARD

Appearance:	
- Part A	Translucent white liquid
- Part B	Transparent liquid
Pack	oilers 5 l
Shelf life	$\approx 12$ months in the original packaging
Warning	Protect from frost, avoid direct exposure to sunlight and sources of heat
Mixing ratio	part A : part B = 1 : 1
Temperature range for application	from $+5 \text{ }^\circ\text{C}$ to $+30 \text{ }^\circ\text{C}$
Shine factor:	
- glossy	$\approx 95$ gloss
- satin	$\approx 70$ gloss
- matt	$\approx 50$ gloss
Working time of mixture	$\approx 2$ hrs after mixing
Dust free	$\approx 30$ min.
Waiting time:	
- for overlying	$\approx 10 - 12$ hrs after sanding down
- for light foot traffic	$\approx 24 - 36$ hrs
- for normal / intense foot traffic	$\approx 7 - 10$ days
Coverage	$\approx 80 - 100 \text{ ml/m}^2$ per coats

*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
- check compatibility (colour, the content of resins, oils and other substances) with less common woods
- remove all residues of previous treatments to ensure an even finish
- always check room/ambient temperature and moisture content of wood
- protect from direct sunlight and air currents for the first 3 hours
- keep away from fire and sparks, do not smoke
- 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 Eco and Bio classifications refer to the GreenBuilding Rating® Manual 2013. This information was last updated in November 2013 (ref. GBR Data Report - 12.13); 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.

**Kerakoll  
Quality  
System**

**ISO 9001  
CERTIFIED**

**KERAKOLL**  
The GreenBuilding Company

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