

Slc® Eco Aqua-Pur HPX

Certified, eco-friendly, water-based varnish to protect hardwood floors, ideal for use in GreenBuilding. Two-component, with reduced solvent content and very low volatile organic compound emissions, does not harm the environment.

Slc® Eco Aqua-Pur HPX enhances the natural beauty of wood and guarantees high levels of protection from wear and abrasion for wood floors, that are even subjected to extreme foot traffic.



GREENBUILDING RATING®

Slc® Eco Aqua-Pur HPX
 - Category: Liquid Organic Products
 - Class: Liquid organic varnishes for Hardwood floors
 - Rating: Eco 4

	 Low Emission Indoor Air Quality	 Water Based	 SLV REDUCED Solvent < 80 g/kg	 Low Ecological Impact	 Health Care
	 Very low VOC emissions	 Water-based formulation	 Reduced solvent content 78 g/kg	 No environmental hazard rating	

RATING SYSTEM ACCREDITED BY CERTIFICATION BODY SGS

PRODUCT STRENGTHS

- HP Technology to guarantee high levels of protection and resistance to wear and abrasion
- Suitable for any type of wood floor subject to extreme foot traffic
- Enhances the natural colour and grain of the wood
- Compliant with Directive 2004/42/EC

ECO NOTES

- Limits the risk of loads that could be harmful and dangerous to the environment during storage and transportation

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.

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 Aqua-Pur Flex (following the instructions on the technical data sheet) to fill cracks and irregularities and/or to smooth surfaces and to ensure even absorption. Wait ≈ 1 – 2 hours then sand with Slc® Durasoft System (Duragrip 120) or with an Slc® Carbodur SIC 120 abrasive mesh disc. Before applying Slc® Eco Aqua-Pur HPX carefully remove any dust created during sanding and wipe away any residues using a Slc® Pulex anti-static cloth. The moisture content of the wood must be between 9% and 11%. When working with oak floors, underfloor heating systems, floors needing restoration, dry woods or at high ambient temperatures, apply Slc® Eco Aqua-Pur Basic.

INSTRUCTIONS FOR USE

Preparation

Shake thoroughly part A before use, insert the undercap filter and pour into the appropriately prepared tray. Remove the undercap filter before shutting the can. Pour in the hardening compound slowly while stirring, in a ratio of Part A : Part B = 10 : 1 and stir well until fully mixed. Dilute 5 – 10% with clean water then mix again. Set aside for 10 minutes before applying.

Application

Apply two or three coats of $\approx 80 - 100 \text{ ml/m}^2$ per coat (depending on the desired finished texture) of Slc® Eco Aqua-Pur HPX using Slc® Roller Plus.

Application in two coats - Classic Finished Texture: apply Slc® Eco Aqua-Pur HPX or Slc® Eco Aqua-Pur Basic when recommended; after ≈ 8 hours, sand with Slc® Durasoft System (Duragrip 220) or with an Slc® Carbodur SIC 220 abrasive mesh disc; carefully remove any dust created during sanding and wipe away any residues using an Slc® Pulex antistatic cloth, then apply a second coat of Slc® Eco Aqua-Pur HPX.

Application in three coats - Silk Finished Texture: apply Slc® Eco Aqua-Pur HPX or Slc® Eco Aqua-Pur Basic when recommended; as soon as the floor can take foot traffic and no more than 3 hours later, apply a second coat of Slc® Eco Aqua-Pur HPX. After $\approx 10 - 12$ hours, sand with Slc® Durasoft System (Duragrip 220) or with a Slc® Carbodur SIC 220 abrasive mesh disc; carefully remove any dust created during sanding and wipe away any residues using an Slc® Pulex anti-static cloth then apply the third coat of Slc® Eco Aqua-Pur HPX.

Cleaning

Clean equipment and residues of Slc® Eco Aqua-Pur HPX with water before the product hardens.

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

Always apply Slc® Eco Aqua-Pur Flex before Slc® Eco Aqua-Pur HPX

When working with particularly absorbent woods, to obtain an even finish you may have to apply three coats regardless of the desired finished texture.

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 certified finish, providing high protection and high resistance to wear and abrasion of the wooden floor will be provided using a two-component, eco-friendly, water-based varnish using HP – High Protection Technology, compliant with Directive 2004/42/CE, Green-Building Rating ECO 4, such as Slc® Eco Aqua-Pur HPX by Kerakoll Spa, applied by roller in two or three coats of $\approx 80-100 \text{ ml/m}^2$ per coat.

TECHNICAL DATA COMPLIANT WITH KERAKOLL QUALITY STANDARD

Appearance:	
- Part A	Translucent whitish liquid
- Part B	Transparent liquid
Pack	part A can 5 l / part B bottle 0,5 l
Shelf life	≈ 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 = 10 : 1
Dilution	Water
Temperature range for application	from +5 °C to +30 °C
Shine factor:	
- glossy	≈ 85 gloss
- satin	≈ 40 gloss
- matt	≈ 20 gloss
- extra matt	≈ 10 gloss
Working time of mixture	≈ 2 hrs after mixing
Dust free	≈ 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 °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.

PERFORMANCE

VOC INDOOR AIR QUALITY (IAQ) - VOLATILE ORGANIC COMPOUND EMISSIONS

Conformity

EC 1-R GEV-Emicode

GEV certified 2836/11.01.02

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
- do not use different batches of the product in the same or adjacent environments
- if necessary, ask for the safety data sheet
- for any other issues, contact the Kerakoll Worldwide Global Service - globalservice@kerakoll.com

The Eco and Bio classifications refer to the GreenBuilding Rating Manual 2012. This information was last updated in October 2012 (ref. GBR Data Report - 11.12); 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 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

KERAKOLL S.p.a.

Via dell'Artigianato, 9 - 41049 Sassuolo (MO) Italy
Tel +39 0536 816 511 - Fax +39 0536 816 581
info@kerakoll.com - www.kerakoll.com