

Silo-Pur Flex

Eco-friendly gel for filling defects and deeper cracks.

Silo-Pur Flex with added wood powder forms a mixture with prolonged workability and extra-rapid hardening that guarantees easy grouting with high filling power.



SLC[®]
TECHNOLOGY



Rating 2

1. Extended workability compared to traditional grouts
2. Extra-rapid hardening
3. High filling power to fill joints with no slip

- × VOC Low Emission
- × Water Based
- × Solvent ≤ 80 g/kg
- ✓ Low Ecological Impact
- ✓ Health Care

Areas of application

→ Intended use:

To fill and prepare wood floors. To be applied onto:

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

To be used under the following products:

- Oil-Pur
- Aqua-Pur Basic
- Aqua-Pur Basic Rapid
- Aqua-Pur
- Aqua-Pur HP
- Aqua-Pur HPX

Do not use in external applications, on wooden floors subject to prolonged or constant contact with water.

Instructions for use

→ Preparation of substrates

Sand the hardwood floor using abrasives of increasing grain size (e.g. 36 – 60) from the Duraflex Zir and Duradisc XP Zir range to obtain a smooth, clean finish, free of oils, grease, wax, silicone and previously applied varnishes. Before applying Silo-Pur Flex remove all traces of dust. The moisture content of the wood must be between 9% and 11%.

Preparation

The product is ready-to-use. Mix Silo-Pur Flex in a 1 : 3 – 5 ratio approximately with the wood flour created when sanding floor with 60 - 80 grain size abrasive products from the Duraflex or Duradisc range until a smooth paste forms. A more thixotropic mixture is recommended for filling defects and deep cracks while it should be less thixotropic for smaller cracks or wood floors which have been pre-sanded or are to be restored.

Application

Apply Silo-Pur Flex evenly over the entire surface area using extensible stainless steel or plastic brushes, smoothing it down completely. Give the product ≈ 30 – 60 minutes to dry, then sand the filled wood floor using 100/120 grain sand paper from the Duraflex Zir, Duradisc XP Zir and Duradisc 2 SIC range, passing it evenly over the surface and being careful to remove any excess product. Carefully remove any dust created during sanding and wipe away any residues using a Pulex antistatic cloth, then proceed with subsequent applications.

Cleaning

Remove residues of Silo-Pur Flex using Diluente 01 thinner before hardening occurs. After it has hardened, Silo-Pur Flex can be removed using mechanical tools or by leaving it to soak in Diluente 01 thinner.

Special notes

→ Allow product to reach room temperature before use.

→ use clean containers and tools.

→ For bigger defects or deeper cracks, a second application of Silo-Pur Flex may be required after the first layer has hardened.

Abstract

The grouting of the wooden floor will be provided using a single-component, eco-friendly, water-based gel, extra-quick drying and with prolonged workability, GreenBuilding Rating 2, such as Silo-Pur Flex by Kerakoll Spa, mixed with suitable wood powder and applied using a spreader in two or three coats of ≈ 50 – 80 ml/m² per coat.

Technical Data compliant with Kerakoll Quality Standard

Appearance	Straw yellow clear gel
Pack	10 l drums
Shelf life	≈ 12 months from production in the original sealed packaging
Warning	Protect from frost, avoid direct exposure to sunlight and sources of heat
Temperature range for application	from +10 °C to +30 °C
Waiting time before sanding	≈ 30 – 60 min.
Coverage	≈ 50 – 80 ml /m ² per coat

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
- abide by any standards and national regulations
- check compatibility (colour, the content of resins, oils and other substances) with less common woods
- always check room/ambient temperature and moisture content of wood
- the product and its vapour are flammable. keep away from fire and sparks
- do not smoke. aerate all environments during and after use
- 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



The Rating classifications refer to the GreenBuilding Rating Manual 2013. This information was last updated in December 2022 (ref. GBR Data Report – 12.22); 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.