

# Proflow Trade

Fast setting double component smoothing compound. Free flowing substrate preparation before laying resilient flooring.

Proflow Trade has been formulated in order to guarantee maximum compatibility and adhesion with all kinds of organic adhesives for resilient floor coverings.



1. Universal
2. Flawless surface finish
3. Suitable for use onto heated screeds
4. Thicknesses from 3 to 10 mm
5. Install resilient floor coverings after 12 hours
6. Easy to apply free flowing formula
7. Formulated with high-performance raw materials with low environmental impact
8. Suitable for installing any type of resilient floor covering
9. Apply by hand trowel, cam rake or pin level

## Rating 3



- ✓ Regional Mineral  $\geq 60\%$
- × Recycled Regional Mineral  $\geq 30\%$
- ✓ CO<sub>2</sub> Emission  $\leq 250$  g/kg
- × VOC Low Emission
- ✓ Recyclable

## Areas of application

### → Intended use:

Self-smoothing adjustment of irregular and uneven substrates, with fast setting and drying, compensated shrinkage. Thicknesses from 3 to 8 mm.

### Compatible adhesives:

- single and double component organic adhesives for installing resilient floor coverings

### Covering materials:

- LVT and design flooring
- vinyl, sheet vinyl and safety flooring
- hardwood floors
- textiles, rubber, PVC, linoleum, carpet
- raised floors

### Substrates:

- mineral screeds made with Keracem Eco as binder or pre-mixed product
- cement-based screeds
- calcium sulphate-based screeds
- prefabricated concrete or fresh concrete castings
- existing tiled floors
- flooring grade plywood
- flooring grade asphalt/bitumen
- epoxy DPM

Internal floors in domestic, commercial and industrial applications.

Do not use in external applications, on wet substrates subject to moisture rising or areas that are continually submerged.

## Instructions for use

### → Preparation of substrates

The substrate must comply with current British standards and industry regulations. In general, substrates must be free of dust, oil and grease, free from any moisture rising, with no loose, flaky or imperfectly anchored parts such as residues of cement, lime, paint coatings and adhesives, which must be completely removed. The substrate must be stable, without cracks and have a functioning DPM within the subfloor. If no DPM is present, a surface epoxy DPM must be applied prior to installing Profow Trade. In particular, substrates must be treated with a suitable primer as shown in the table opposite:

Substrate	Primers	Dilution with water
Cement-based screeds	Primeplus	Diluted
Calcium sulphate-based screeds	Prime+ Grip	Neat
Concretes	Primeplus	Diluted
Ceramic floors ceramic tiles	Prime+ Grip	Neat
Flooring grade plywood	Primeplus	Diluted
Gypsum fibre or fibre-cement panels	Primeplus	Diluted
Metal substrates	Prime+ Grip	Neat
Epoxy DPM	Prime+ Grip	Neat
Flooring grade asphalt/bitumen	Prime+ Grip	Neat

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## Instructions for use

### → Preparation

Pour the pre-measured 5.0 l bottle of Proflow Trade liquid into a clean container; then pour in a bag of Proflow Trade, while shaking. Mix with a mechanical mixer until a smooth, lump-free and smoothing mixture is achieved. Larger quantities of Proflow Trade may be prepared in suitable mixers. After the first mixing, it is advisable to leave the mixture to rest for approx. 2 minutes and then mix again briefly. Proflow Trade features a high degree of self-smoothing capacity. Adding extra water does not improve its workability, and may cause shrinkage in the plastic phase of drying and result in less effective final performance with a reduction in surface hardness, surface finish, compressive strength and adhesion to the substrate.

### → Application

Proflow Trade is generally applied with a flooring trowel, cam rake or pin level. The use of an aeration tool or spike roller can be used to further improve the surface finish of Proflow Trade. If an additional application of Proflow Trade is required once the initial application has been completed, the first installation layer must first be hardened and ready to accept foot traffic and additional application, this is generally after 12 hours. The initial layer of Proflow Trade must be primed with a neat coat of Prime+ Grip prior to subsequent applications. In the case of low temperatures and high humidity it is advisable to keep the environment ventilated during application and during the hours immediately following application, in order to avoid the formation of condensation on the surface of the smoothing compound during the setting phase.

### → Cleaning

Residual traces of Proflow Trade can be removed from tools using water before the product hardens.

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## Special notes

→ Joints: perimeter expansion must be allowed for in the application of self levelling compounds. Perimeter expansion edging strip must be installed along the whole perimeter of the room, on the walls and on any other vertical elements protruding from the substrate/subfloor. Large

and continuous surface areas need to be broken into bays as soon as they can withstand foot traffic so to create areas < 100 m<sup>2</sup> with 10 m maximum individual side length. All movement or expansion joints located in the substrate must be honoured.

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## Certificates and marks



<b>Technical Data compliant with Kerakoll Quality Standard</b>		
Appearance	grey pre-mixed	
Apparent volumetric mass	≈ 1.16 g/dm <sup>3</sup>	
Mineralogical nature of inert material	silicate - crystalline carbonate	
Grading	0-600 µm	
Shelf life	≈ 12 months from production in the original sealed packaging, protect from humidity	
Mixing water	≈ 5.0 l bottle / 1 bag 20 kg	
Specific weight of the mixture	≈ 2.06 g/dm <sup>3</sup>	UNI 7121
Self levelling time	≈ 20 min.	
Temperature range for application	from +5 °C to +30 °C	
Maximum thickness	from 3 to 10 mm	
Foot traffic	≈ 4 hrs	
Waiting time before laying:		
- LVT, vinyl, sheet vinyl, safety flooring and all other resilient floor coverings	≈ 12 hrs	
- resins and paints	≈ 12 hrs	
Coverage	≈ 1.666 kg/m <sup>2</sup> per mm of thickness	

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 and of the materials laid.

## Performance

### HIGH-TECH

#### Resistance to:

- compressive after 24 h	≥ 10 N/mm <sup>2</sup>	EN 13892-2
- compressive after 7 days	≥ 19 N/mm <sup>2</sup>	EN 13892-2
- compressive strength after 28 days	≥ 20 N/mm <sup>2</sup>	EN 13892-2
- flexural after 28 days	≥ 7 N/mm <sup>2</sup>	EN 13892-2
- böhme wear after 28 days	> 22 cm <sup>3</sup> / 50 cm <sup>2</sup>	EN 13892-3
Classification/conformity	CT-C20-F7	EN 13813

Values taken at +23 °C, 50% R.H. and no ventilation. Data may vary depending on specific conditions at the building site.

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## Warning

- Product for professional use
  - abide by any British standards and industry regulations
  - do not use Proflow Trade to correct substrate irregularities greater than 8 mm
  - do not add other binders, additives or pigments to the mixture
  - low temperatures and high relative humidity lengthen drying times and may saturate the environment with negative consequences on the surface consistency of the smoothing compound
  - an excessive quantity of water will reduce product strength and increase the drying time
- before laying hardwood floors, check the residual moisture content is within the accepted parameters given by the flooring manufacturer
  - honour any movement or expansion joints present in the substrate
  - if necessary, ask for the safety data sheet
  - for unstable wooden types, particular substrates and for any other issues, contact the Kerakoll Worldwide Global Service 01772 456 831 - [info@kerakoll.co.uk](mailto:info@kerakoll.co.uk)



The Rating classifications refer to the GreenBuilding Rating Manual 2013. This information was last updated in May 2024 (ref. GBR Data Report - 05.24); please note that additions and/or amendments to this information 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.