

## GRAINFLOOR PROTECT 876

SILICONE-BASED, ONE-COMPONENT, MAT PROTECTIVE FINISH

### GENERAL CHARACTERISTICS

**GRAINFLOOR PROTECT 876** is a clear, impregnating sealing material applied by roller or spraying device on the treated concrete as the final stage for stabilizing, protecting and waterproofing the concrete from adverse weather conditions and other external factors. Applied in two layers.

- It is applied as the final, sealing layer on concrete surfaces, especially for finishing the GRAINFLOOR exposed-aggregates system, after the treatment of the concrete surface with the special surfactant retarder GRAINFLOOR REVEAL 875 and the subsequent rinsing with water under pressure
- Applied by spraying or suitable brushes
- Provides a matt surface with 100% waterproofing efficiency and exceptional resistance in abrasion and various chemical agents.
- Does not alter the strength values of the concrete
- It is uv-resistant and thus suitable for both indoor and outdoor surfaces.

### TECHNICAL DATA

Basis:	one-component silicone-based
Appearance:	liquid
Colors:	clear
Viscosity:	1050 ± 100 mPa•s at 23°C
Density:	1,150 ± 0,010 gr/cm <sup>3</sup>
Temperature for the application and drying of the material:	15 – 25°C

## PREPARATION-APPLICATION

The success in the application depends on the right preparation of the underlay and use of the material.

- **Good, dry** cleaning of the surface from dust and residues
- Application of **GRAINFLOOR MIX** is carried out on the concrete (it's applied like concrete). After the **GRAINFLOOR MIX** is laid, **POLYBETON REVEAL 879** is sprayed on the whole surface with consumption 200-300 gr/m<sup>2</sup>. Then the surface is thoroughly rinsed with water under pressure within the next 5-24 hours, depending on the ambient temperature
- After the surface dries out completely, **GRAINFLOOR PROTECT 876** is applied by brush or spraying device with consumption 300 gr/m<sup>2</sup> for stabilizing and waterproofing of the final surface

It is necessary to form a grid of joints on the floor (with sides 5X4m or 5X5m), which are subsequently sealed with a special polyurethane mastic

\*\*\* **GRAINFLOOR SYSTEM** is not recommended for concrete class lower than C16/20.

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## CONSUMPTION

Approx. 0,3 kg/m<sup>2</sup>.

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## APPLICATION TOOLS

Spraying or suitable brushes.  
Tools should be cleaned with solvent immediately after use.

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## PACKAGING

Supplied in 15 kg drums.

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## STORAGE

Six months in unopened containers in dry places with minimum temperature 5°C and maximum temperature 28 °C.

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## REMARKS

- Working time of **GRAINFLOOR PROTECT 876** decreases when ambient temperature rises.
  - Prolonged storage of partially used containers containing **GRAINFLOOR PROTECT 876** must be avoided as contact with atmospheric moisture might result in skinning or altering of the product's physical-chemical properties.
  - All surfaces should be thoroughly cleaned from dust and residues prior to each application.
  - After hardening **GRAINFLOOR PROTECT 876** is completely safe for health.
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## CAUTION

The application must take place in well-aired places using protective gloves. Skin or eye contact must be avoided, otherwise wash carefully with soap and water.

**For more information consult the material safety data sheet.**

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