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TopSealer®



TopSealer® Pro+ Slow Two-component 100% solids varnish

Topsealer® Pro+ Slow is a two-component 100% solids varnish that does not require priming. It is based on a fast curing cold polyurea and is suitable for the protection of microcement in indoor and outdoor areas.

Topsealer® Pro + Slow is designed to be applied in one coat, as it penetrates completely into the pores leaving a total seal, as well as providing extra hardness to the microcement. Its finish is high gloss. If you want to reduce the gloss of the finish, once dry, apply a coat of Topsealer® WT One Coat (satin, matt or super matt) or Topsealer® DSV (satin or matt).

Its aliphatic chemical nature allows it to resist UV light without the need for additional protection.

Properties

Controlled drying (approx. 8h at 23°C, 50% wt).
Total sealing of the pore.
Recommended for the protection of microcement and concrete floors.
Very good resistance to water and chemical agents.
High hardness.
Does not yellow under the action of sunlight.
Solvent free.
Intensifies and enhances the colour of the substrate.
Application by "0 pore" roller or trowel.

Mixing

Shake Component A to homogenise the contents before use and leave to stand for 15 minutes without opening the container. Then mix the 2 components by mechanical agitation at low speed in the following ratio:

100 parts Topsealer® Pro + Slow A to 80 parts Topsealer® PRO+ Slow B catalyst.
Pour component B into component A, homogenising the mixture. Once mixed, use immediately.

IMPORTANT: After combining the two components, an exothermic reaction takes place, heating the mixture slightly.

The packaging of both components respects the proportions of the mixture to facilitate its preparation, being Topsealer® Pro + Slow A: 0.8 kg and Topsealer® PRO+ Slow B: 0.64 kg.

The working time is 25-30 minutes. If less quantity is mixed while maintaining the ratio 100:80, the workability time increases.

Technical data

- Type: Two-component varnish
- Finish: High gloss
- Colour: Colourless in dry film
- Viscosity (in Ford cup 4/20°C): 35 seconds

Consumption

TopSealer® Pro + Slow (1 coat) : 60-100 g / m²

Packaging

Topsealer® Pro + Slow Component A: 0.8 kg
Topsealer® Pro + Slow Component B: 0.64kg

Application

1. Substrate preparation

All surfaces to be coated must be completely dry and free of dust, grease, rust and other surface contaminants.

2. PREPARATION OF THE PRODUCT

Shake Component A to homogenise its content before use and let it stand for 15 minutes without opening the container. Then mix the 2 components by mechanical agitation at low speed.

Topsealer® Pro+ Slow A and Topsealer® Pro+ Slow B must be mixed in the ratio 100:80.

The packaging of both components respects the mixing ratios for ease of preparation, Topsealer® PRO+ Slow A: 0.8kg and Topsealer® Pro+ Slow B: 0.64kg.

Pour component B into component A, homogenising the mixture. After mixing, use immediately. Working time: 25-30 minutes.

3. APPLICATION OF THE PRODUCT

Apply one coat with a "0 pore" roller or trowel, stretching the material well to leave a thin layer. Once applied, the drying time is 8 hours, depending on the ambient temperature and humidity.

If you want to reduce the gloss of the finish, once dry apply a coat of Topsealer® WT One Coat (satin, matt or super matt) or Topsealer® DSV (satin or matt).

Product stability

The stability of the product in the container is 12 months from the date of manufacture indicated on the label. After this time the product may be in good condition, but it is recommended that it is checked by Topciment Technical Service. Once opened, the product should be used in the shortest possible time following the storage recommendations.

Safety and storage recommendations

Keep out of reach of children. Do not ingest.
Avoid contact with skin or eyes and inhalation of vapours by wearing appropriate safety equipment such as gloves, safety goggles and cartridge mask for organic solvents.
Do not consume food while handling the product.

Apply in a well ventilated area, away from heat sources, as the product gives off vapours which could ignite in the presence of sparks, flames or any other ignition source. Keep container tightly covered when not in use.

Store in original closed containers, away from sources of ignition, under cover in a cool, dry, well-ventilated area, at a temperature below 30°C.

In case of contact of the product with heat sources or exposure to fire, use dry chemical extinguishing agents.

Do not pour into drains, onto the ground, into streams or rivers. In case of leakage or spillage collect the material in containers to avoid contamination of water sources or sewers. Dispose of waste in accordance with local rules and regulations.

Use safety goggles and a particulate (dust) mask to remove (detach) the dried (applied) product.

For further information please refer to the product safety data sheet.

Uses/ Fields of application

Fast curing two-component cold polyurea for protection, sealing and as a decorative finish, formulated with 100% solids resins that give it extraordinary performance. It presents great transparency as well as a remarkable resistance to yellowing. The treated substrate material is waterproofed, preventing its breathability to water vapour.

Like all polyureas, it is highly resistant to wear, dirt and certain chemical products. Ideal for application on our microcement system and on conventional concrete floors.

As a sealant it waterproofs the microcement against running water (occasional contact), but it is not a waterproofing agent against watertight water (permanent contact). In the case of soap or detergent residues, rinse immediately.

En tant que scellant, il imperméabilise le béton ciré contre l'eau courante (contact occasionnel), mais ce n'est pas une imperméabilisation contre l'eau stagnante (contact permanent). Dans le cas de résidus de savon ou de détergent, rincez immédiatement, car ils peuvent provoquer l'apparition de marques ou de rainures.

Preparation of the substrate

Before varnishing, the substrate must be properly prepared. It must be dry, clean and free of dust, grease or dirt. If it has been previously varnished or painted, the previous coating must be removed, especially if it is damaged or deteriorated. This can be done by sanding or stripping, making sure to leave the surface in good condition. If repair, consolidation or joint sealing is required, proceed prior to the application of TOPSEALER PRO+.



The product must not be used for purposes other than those specified, without first having written instruction in its handling. It is always the responsibility of the user to take appropriate measures in order to comply with legislative requirements. The Safety Data Sheets of the product are at the disposal of the professional.

Last edition: June 2023