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TopSealer® WT ANTI SLIP

TOPSEALER WT A+B

Two-component anti-slip sealer

Topsealer ® WT Anti Slip is a two-component polyurethane water-based anti-slip varnish.

High performance varnish for the protection of pavements, sports courts, concrete, wood, parquet, and in general of those surfaces looking for a good aesthetic and protective finish. Especially recommended as a protective sealer for microcement.

Available in matt.

Characteristics

- Easy to apply.
- Very good resistance to chemicals, water and alkalis.
- Good resistance to abrasion and scratches.
- No yellowing under the action of sunlight.
- Compatible with a wide range of substrates
- Anti-slip effect
- Breathable

Uses / Areas of application

Two-component polyurethane for protection, sealing and as a decorative finish, formulated with water-based hydroxylated polyester resins that give it extraordinary properties. It presents great transparency as well as a remarkable resistance to yellowing. The material of the treated substrate is waterproofed, while maintaining its
resistant to wear, dirt and certain chemical products.

Ideal for application on our microcement system, concrete substrates, conventional lime and cement mortars. It presents a very natural finish on wood, protecting it from wear and weathering. For the renovation of parquet and as a transparent, non-slip protective varnish on sports courts and concrete.

As a sealer, it waterproofs microcement against running water (occasional contact), but is not a waterproofing agent against standing water (permanent contact). In the case of soap or detergent residues, rinse immediately, as these can cause marks or grooves to appear.

Consumption

TopSealer ® WT Anti Slip (2 coats) 0,12 L/m2

Mixing

Shake component A before use in order to homogenise the product and allow to stand for 30 minutes. Then mix the 2 components by stirring at low speed in the ratio 5 parts (in kg) of TopSealer® WT A to 1 part of TopSealer® WT B catalyst.

Technical data

- Colour: colourless (in dry film)
- Appearance: matt
- König hardness (14 days curing): 190 seconds
- Total solids (A+B): 45 ±2%.

Characteristics of Component A

- Water-based polyacrylate dispersion and aliphatic diisocyanates
- Solids: 34 ±2% Solids: 34 ±2
- Density: 1,03 ±0,01 g/ml
- Viscosity (Ford Cup 4): 14-16s at 25ºC
- pH: 7.5 ±0.5

Characteristics of Component B

- Aliphatic diisocyanate
- Contains <0.1% free HDI
- Solids: 100 %.
- Flash point: 105ºC
- Density at 25ºC: 1.045 - 1.055 g/mL

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 before priming. On mineral or cementitious surfaces, pre-application of Presealer is recommended.

In the case of wood, pre-seal with a wood sealer and sand according to the manufacturer's instructions. Then apply two coats of TopSealer ® WT Anti Slip.

In the case of old paintwork in poor condition, remove by sandblasting, stripping or sanding. Then apply a suitable primer.

Application

Prior to sealing with TopSealer ® WT Anti Slip, the use of a primer is recommended. For microcement apply Presealer. Allow 4 hours after applying Presealer for two coats before sealing with TopSealer ® WT Anti Slip and allow 24 hours drying time between coats of TopSealer ® WT Anti Slip. Not to be applied at temperatures below 15°C and not above 30°C.

It can be applied by spray, brush or roller, covering the surface well. For best results, it is recommended to apply two coats of the product. The second coat is applied after 24 hours (low temperatures and ambient humidity delay drying). The first coat is sanded with 400 grit sandpaper and the last coat does not require sanding. Check the adhesion in a corner or hidden area before proceeding with the total coating.

Allow the polyurethane to cure for at least one week. Polyurethanes reach their full chemical properties after 7-14 days, depending on the environmental conditions (humidity and temperature).

Maintenance

- Allow the polyurethane to dry for at least one week before wetting.
- Polyurethanes reach their full chemical properties after two weeks.
- Do not use detergents or coat before two weeks.
- Clean with a damp cloth and our Ecoclean detergent or neutral soap to prolong the life of the sealant. Do not use aggressive cleaning products such as bleach, acetone or salfumán.M23Allow the polyurethane to dry for at least one week before wetting.
- Polyurethanes reach their full chemical properties after two weeks.

Special precautions

Follow the instructions in the safety data sheet.
It is recommended to comply at least with the following measures:

- Good ventilation.
- Protective goggles to prevent splashing.
- Rubber gloves.

In case of contact with eyes, flush with plenty of water for 15 minutes. In case of contact with skin wash with soap and water. Do not swallow. If swallowed, do not induce vomiting and seek medical attention immediately. Do not dilute with water. Empty containers must be disposed of in accordance with current legislation. Keep out of the reach of children.

Packaging

Available in 5+1 litre containers.

Cleaning of tools

Tools should be washed with soap and water immediately after use.

Pot life of the product

The shelf life of the mixture (component A + component B) is 60 minutes at about 20°C.

Storage conditions

The product should be stored in its original closed container and protected from the weather at temperatures between 10ºC and 30ºC, in a dry and well-ventilated place, away from heat sources and direct sunlight. The shelf life is 1 year from the date of manufacture, if stored properly..

Test report

- The tests have been carried out in an officially accredited external laboratory (AIDIMME).
- Slip resistance Class 3 according to UNE ENV 12633:2003.
- Abrasion resistance. Taber method: UNE 48250. 1000 cycles/1000g. The tests have been carried out with S-42 sandpaper, applied load of 1000gr during 1000 cycles obtaining excellent results in the three finishes (gloss, satin and matt).
- Resistance to liquids. Medium absorbent method UNE EN2812-3 / UNE EN13442.

Last edition: May 2021