



TopSealer® WT SPRAY

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Two-component water-based polyurethane varnish



Topsealer® WT Spray is a two-component water-based polyurethane varnish designed to protect microcement or concrete surfaces.

Developed for exclusive spray application, it stands out for its extraordinary hardness and improved chemical and mechanical resistance.

Available in gloss finish .

Characteristics

- ASpray application.
- 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.
- Breathable

Uses / Areas of application

Topsealer WT Spray is a spray-on varnish designed to protect surfaces coated with microcement. In addition, it stands out for its extraordinary hardness and improved chemical and mechanical resistance.

It is a water-based varnish perfect for application in microcement kitchens and bathrooms. It is resistant to cleaning with bleach or detergents, vinegar stains, oil, wine, grease...

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 treated substrate material is waterproofed, while maintaining its breathability to water vapour.

Ideal for application on our microcement system, concrete substrates, conventional lime and cement mortars. For the renovation of parquet and wood surfaces.

As a sealer, it waterproofs the microcement against running water (occasional contact), but it 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.

Mixing

Shake component A before use in order to homogenise the product and allow to stand for 30 minutes. Mix the 2 components by mechanical agitation in the ratio 3L Topsealer WT Spray Component A to 1L Topsealer WT Spray Component B.

Consumption

Topsealer ® WT Spray (1 coat): 140 ±10 g/m²

Technical data

- Colour: colourless (in dry layer)
- Appearance: glossy
- Shore D hardness (14 days curing): 75 ±5
- Total solids (A+B): 49 ±2%.

Characteristics of Component A

- Water-based high molecular weight hydroxy polyester dispersio
- Solids: 32 ±2% Solids: 32 ±2% Density: 1,05 ±0,01 g/ml
- Density: 1.05 ±0.01 g/ml
- Viscosity (Ford Cup 4): 60" ±5 at 25°C
- pH: 8 ±1

Characteristics of Component B

- Aliphatic diisocyanate
- Contains <0.1% free HDI
- Solids: 100 %.
- Density: 1.15 ±0.01 g/ml
- Flash point: 185°C
- pH: 8 ±1

Substrate preparation (before application)

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 applying the varnish.

In the case of old paints in bad condition, remove them by sandblasting, stripping or sanding. Finally protect by applying one or two coats of Topsealer WT Spray.

Application

Before sealing with Topsealer WT Spray, the use of a primer is recommended. In the case of microcement, apply two coats of PRESEALER allowing 4 hours between each coat and sand with 400 grit sandpaper before sealing with Topsealer WT Spray.

Apply one coat of Topsealer WT Spray and allow to dry for at least 24 hours. In the case of two coats of sealer, allow 12 hours between coats to dry. Not to be applied at temperatures below 15°C or above 30°C.

For spray application only. 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 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 Basic detergent or neutral soap to prolong the life of the sealant. Do not use aggressive cleaning products such as bleach, acetone or salfumán.

Special precautions

The following measures are recommended:

- Good ventilation.
- Mask for organic vapours.
- Protective goggles to avoid splashes.
- 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 3L bottle (Component A) + 1L bottle (Component B).

Cleaning of tools

Tools are washed with soap and water immediately after use.

Shelf life of the product

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

Storage conditions

The product should be stored in its original closed container and protected from the weather at temperatures between 10°C and 30°C, 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.



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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 available to the professional.

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