



TopSealer®



TopSealer® WT Natural Effect Two-component varnish

Topsealer® WT Natural Effect by Topciment® is a fast-drying, two-component, water-based polyurethane varnish developed for the protection of microcement. Natural finish.

Properties

- Easy application.
- Good resistance to water and non-aggressive chemicals.
- Drying time: 3-4 hours between layers.
- Good abrasion and scratch resistance.
- It does not yellow under the action of sunlight.

Uses and areas of application

Two-component polyurethane varnish leaving a natural appearance, designed for the protection and sealing of surfaces with a decorative finish. It presents great transparency as well as a remarkable resistance to yellowing.

Ideal for application on our microcement system, lime mortars and conventional cement. It presents a very natural finish on the microcement, protecting it from wear and weathering. 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, as these can generate the appearance of marks or grooves.

Consumption

TopSealer® WT Natural Effect (2 layers) 0,15 L/m²

Mixing

Homogenise component A, then mix with component B by stirring at low speed in the ratio 5 parts (in kg) of Component A TopSealer® WT Natural Effect to 0.5 of Component B TopSealer® WT (Catalyst). The pot life of the mixture (component A + component B) is 120 minutes at 20°C.

Technical data

- Colour: colourless, transparent (in dry film)
- Appearance: natural, semi satin
- Touch dry: 30 min
- Recoating: 3-4h depending on humidity and ambient temperature
- Total solids (A+B): 25 ±2%
- Persistent hardness (24h after): 113s

Component A Characteristics

- Polyurethane dispersion
- Solids: 20 ±2% Solids: 20 ±2
- Brookfield viscosity : 200-250 at 25°C cP
- pH: 7 - 8

Component B Characteristics

- Aliphatic diisocyanate
- Solids: 100
- Flash point: 105°C
- Density at 25°C: 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, cementitious or micro-cement surfaces it is recommended to pre-apply Presealer. Apply one layer of Presealer and allow 6 hours before sealing with TopSealer® WT Natural Effect.

Application

Prior to sealing with TopSealer® WT Natural Effect, the use of a primer (Presealer) is recommended. For best results, it is recommended to apply one layer of Presealer. After 6h, apply 2 layers of TopSealer® WT Natural Effect; allow a drying time of at least 3 - 4h between layers. The first layer is sanded with 400 grit sandpaper and the last layer does not require sanding. The drying times must be observed, otherwise the chemical resistance may be reduced.

Both Presealer and TopSealer® WT Natural Effect should not be applied at temperatures below 15°C and not above 30°C, as low temperatures and high ambient humidity delay drying and impair the appearance of the coating. 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 and do not cover 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 sulfuman (muriatic acid).

Special precautions

Follow the instructions in the safety data sheet.

It is recommended to comply with at least the following measures:

- Good ventilation.
- 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 5L (Component A) + 0.5L (Component B).

Cleaning of tools

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

Shelf life of the product

The pot life of the mixture (component A + component B) is 120 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 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 properly stored.



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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