



SEALCEM®



SEALCEM® DSV M Methacrylate Varnish

SEALCEM® DSV M from Topciment® is a solvent-based methacrylate varnish for decorative concrete and stamped concrete floors. It creates a protective film, which enhances curing. It has good adhesion on porous substrates and mineral or cementitious bases, as well as good general chemical and mechanical resistances. Ideal for outdoor use. Natural finish.

Properties

- Especially recommended for protecting cement surfaces such as driveways, pedestrian lanes and decorative concrete and stamped concrete floors.
- High transparency and weather resistance (does not yellow).
- Good abrasion resistance and cold-heat cycles.
- Good resistance to water and moisture.
- Significantly enhances the color of printed and concrete coatings while maintaining the original texture.
- Good resistance to alkalinity and efflorescence.

Preparation

Solvent-based product, no dilution required.

Consumption

Applied on stamped concrete:

- 6 - 8 m²/L

Technical data

- Appearance: Transparent
- Finish: Natural
- Density: 0.92 ± 0.02 g/cm³
- Viscosity in Ford Cup 4 mm: 14 ± 2 s
- Application temperature: >5°C
- Touch dry: 1 - 2h
- Repainting: 2 - 4h
- Drying: 24 - 48h

Characteristics

- Dispersion of pure methacrylic copolymer in aromatic organic solvents.
- Solids: 17 - 19
- Fully soluble in aromatic hydrocarbons, esters, and ketones. Limited solubility in aliphatic hydrocarbons and alcohols.

Application

After 72 hours from the pavement execution, wash the surface, and once it is free from moisture (maximum substrate moisture of 4%), apply SEALCEM® DSV M using a sprayer, maintaining a distance of 30 or 40 cm apart. Cover the entire surface, ensuring a uniform film is applied while avoiding laying down excessively thick layers or puddles.

When applying with a roller, spread the product evenly to ensure a consistent distribution and prevent areas with an excess of the product, as this might delay drying and even hinder the correct formation of a hard and consistent film.

The application should be carried out at ambient and substrate temperatures ranging between 5°C and 30°C, without excessive wind.

Applying to surfaces that are too hot (>35°C) might cause excessive solvent evaporation, leading to the appearance of blisters or bubbles due to the product boiling. In such cases, it is advised to sand the affected area and reapply the product once the surface has cooled.

Special precautions

Product is easily flammable. It irritates the eyes and skin; prolonged exposure may lead to skin dryness or cracking. Harmful if inhaled, inhaling vapours can cause drowsiness and dizziness.

In case of contact with the eyes, rinse thoroughly with water for 15 minutes and seek medical assistance. If in contact with the skin, wash with water and soap. Never use solvents or thinners. Do not ingest. If swallowed, do not induce vomiting and seek medical attention immediately.

It is recommended to adhere to the following precautions:

- Ensure good ventilation.
- Use a mask with a chemical absorbent.
- Wear protective goggles to prevent splashes.
- Rubber gloves are advised.

Empty containers should be disposed of in accordance with current legal regulations. To prevent the product from drying out or thickening, close the lid after each use. Keep out of the reach of children.

Packaging

It comes in a 18L bidon and 25L container.

Cleaning of the tools

Tools should be cleaned with universal solvent immediately after use.

Storage conditions

The product should be stored in its original sealed packaging and protected from the elements, at temperatures ranging between 10°C and 30°C, in a dry and well-ventilated area, away from heat sources and direct sunlight. The usage time is 1 year from its manufacturing date when stored properly.



The product should not be used for purposes other than those specified, without first obtaining written instruction regarding its handling. It is always the user's responsibility to take appropriate measures to comply with the requirements set out in legislation. The Safety Data Sheets for the product are available upon request.

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