



SEALCEM®



SEALCEM® DSV M100

Solvent-based methacrylate varnish

SEALCEM® DSV M100 by Topciment® is a solvent-based methacrylate varnish for decorative concrete and stamped concrete surfaces. It forms a protective film that enhances curing. It offers good adhesion to porous substrates and mineral or cementitious bases, as well as good overall chemical and mechanical resistance. Ideal for outdoor use. Natural finish.

Properties

- Particularly recommended for protecting concrete surfaces such as roadways, footpaths, decorative concrete paving and stamped concrete.
- High transparency and weather resistance (does not yellow).
- Good resistance to abrasion and thermal cycling.
- Good resistance to water and moisture.
- It significantly enhances the colour of printed and concrete finishes whilst retaining the original texture.
- Good resistance to alkalinity and efflorescence.

Preparation

Solvent-based product; no dilution required.

Performance

When applied to stamped concrete:

- 6–8 m²/L

Technical specifications

- Appearance: Transparent
- Finish: Natural
- Density: $0.92 \pm 0.02 \text{ g/cm}^3$
- Viscosity in a 4 mm Ford cup: $14 \pm 2 \text{ s}$
- Application temperature: $>5^\circ\text{C}$
- Touch-dry: 1–2 hours
- Repainting: 2–4 hours
- Drying time: 24–48 hours

Features

- A dispersion of pure methacrylic copolymer in aromatic organic solvents.
- Solids: 28–30%
- Fully soluble in aromatic hydrocarbons, esters and ketones. Limited solubility in aliphatic hydrocarbons and alcohols.

Application

72 hours after the pavement has been laid, wash the surface and, once it is free of moisture (maximum substrate moisture content 4%), apply SEALCEM® DSV M100 using a sprayer, holding it at a distance of 30–40 cm. Cover the entire surface, ensuring an even coat is applied and avoiding thick layers or puddles.

When applying with a roller, spread the product evenly to ensure uniform coverage and avoid areas with excess product, as this can delay drying and even prevent the formation of a hard, consistent film.

The product should be applied at ambient and substrate temperatures of between 5°C and 30°C, in calm conditions.

Application to hot surfaces (>35°C) may cause excessive solvent evaporation, leading to the formation of blisters or bubbles as a result of the product boiling. In this case, it is recommended that you sand the affected area and reapply the product once the surface has cooled down.

Special precautions

Highly flammable product. Irritating to the eyes and skin; prolonged exposure may cause dryness or cracking of the skin. Harmful if inhaled; inhalation of vapours may cause drowsiness and dizziness.

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

It is recommended that the following measures be observed:

- Good ventilation.
- Use of a mask with a chemical absorbent
- Safety goggles to protect against splashes.
- Rubber gloves.

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

Introduction

It is available in 18-litre containers.

Tool cleaning

The tools should be washed with water immediately after use.

Storage conditions

The product should be stored in its original, unopened packaging, protected from the elements, at temperatures between 10°C and 30°C, in a dry, well-ventilated place, away from sources of heat and direct sunlight. When stored correctly, the product has a shelf life of 1 year from the date of manufacture.



The product must not be used for purposes other than those specified without first obtaining written instructions on its use. It is always the user's responsibility to take the necessary measures to comply with the requirements laid down in the relevant legislation. The product's Safety Data Sheets are available to professionals.

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