



SEALCEM® DSV M100 AD Solvent-based varnish

SEALCEM® DSV M100 AD by Topciment® is a clear solvent based methacrylate resin finish sealer formulated to provide a tough protective layer with anti-slip properties.

Uses

Especially recommended for protecting cementitious surfaces such as driveways, pedestrian lanes, garage floors, decorative printed paving, microcement or concrete floors and other surfaces requiring high adhesion and traffic safety. Can be used both indoors and outdoors.

Properties

- Excellent adhesion on various surfaces.
- Good abrasion and wear resistance
- Good water and weather resistance, no yellowing over time.
- Good resistance to alkalinity and efflorescence.
- Anti-slip properties due to the addition of micronised particles.
- Significant colour enhancement of printed and concrete coatings
- Fast drying and easy application.

Technical data

PROPERTIES	SPECIFICATION	UNIT	METHOD
Nature	Solvent based methacrylate resin		
Appearance	Clear, colourless liquid		
Density	0,93 ± 0,02	g/cm ³	UNE-EN ISO 2811-1
Viscosity at 23°C	105 ± 2	mPa-s	EN ISO 3219
Non-volatile solid content	30-32	%	UNE-EN ISO 3251:2020
COV:2004/42/IIA(h)(750)Máx.COVs	680	g/L	
Slip resistance	Class 3		UNE-EN 12633:2003
Solubility	Full in aromatic hydrocarbons, esters and ketones. Limited in aliphatic hydrocarbons and alcohols.		
Performance applied on concrete	6-8	m ² /L	
Application temperature	5-30	°C	
Drying time to touch	1-2	hours	
Repainting time	2-4	hours	
Total curing time	24-48	hours	

Application

After 72 hours from the execution of the flooring, wash the surface and when it is free of humidity (maximum humidity of the substrate 4%) apply SEALCEM® DSV M100 AD by means of a sprayer, at a distance of 30 or 40 cm. apart. Cover the entire surface, trying to apply a uniform film and avoiding leaving thick layers or puddles. When applied by roller, spread the product well to ensure a homogeneous distribution and avoid areas with excess product, as this can delay drying and even prevent the correct formation of a hard and consistent film.

The application must be carried out at ambient and substrate temperatures between 5°C and 30°C, without excessive wind. It is recommended to apply two layers of product every 2-4 hours.

The application on hot surfaces (>35°C) may cause an excessive evaporation of the solvent favouring the appearance of blisters or bubbles, as a consequence of the boiling of the product. In this case it is recommended to sand the affected area and reapply the product when the surface is cool.

Special precautions

Highly flammable product. Irritating to eyes and skin, prolonged exposure may cause skin dryness or cracking. Harmful by inhalation, inhalation of vapours may cause drowsiness and dizziness.

In case of contact with eyes, flush with plenty of water for 15 minutes and seek medical advice. In case of contact with 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 to comply with the following measures:

- Good ventilation.
- Use of chemical absorbent face mask
- Protective goggles to avoid splashes.
- Rubber gloves.

It is essential to follow the instructions on the container label. For further information, please refer to the product safety data sheet. Empty containers must be disposed of in accordance with current legislation.

Presentation

It comes in 18-litre containers.

Cleaning of tools

The tools are washed with universal solvent immediately after use.

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 date of manufacture, 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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