

SMART VARNISH

SMART VARNISH is a one-component water-based polyurethane varnish. The product is suitable for protecting ready-to-use microcement for both indoor and outdoor applications. It is available in matte and satin finishes.

PROPERTIES

- Abrasion and scratch resistance.
- Good resistance to water and household cleaning agents (See chemical resistance table).
- Non-yellowing and unaffected by ultraviolet light.
- Significantly enhances the color of ready-to-use microcement coatings.
- Quick drying and easy application.
- Apply 3 coats in one day. Allow 4 hours of drying between coats.

TECHNICAL DATA

Colour	Transparent (when dry)
Finish	Satin or matt
Density	1,03 ± 0,01g/cm ³
Viscosity in Ford Cup 4 mm	35 ± 10 s
Minimum application temperature	8°C
Touch dry	1 - 2 h
Repainting	4 h
Full Dry	24 h
Curing time	7 days

CHEMICAL RESISTANCE ONE-COMPONENT MATTE/SATIN*			
PRODUCT	7 DAYS AFTER VARNISH APPLICATION		
	1H	3H	8H
WATER	5	5	5
BLEACH	4	4	1
OIL	4	4	4
SALFUMÁN	4	3	3
8% VINEGAR	5	4	4
WINE	3	3	2
SOAP	5	5	3
BLEACH-FREE CLEANER	5	4	4

*Results obtained with the application of 3 coats of varnish.

- 5 No visible changes.
- 4 Slight change, only visible in light.
- 3 Moderate mark.
- 2 Important mark without affecting surface structure.
- 1 Important mark, affects the surface structure.

PREPARATION

Stir the contents before use, especially in the case of SMART VARNISH matte, to homogenize the dispersion of the fillers.

It comes ready to use. It is a water-based product that does not require dilution.

CONSUMPTION

SMART VARNISH should be applied 24 hours after applying SMART LISO. Before applying it, it is essential to ensure that the substrate is dry and free of dust. Depending on the weather conditions and workspace ventilation, it may be necessary to wait between 24 and 48 hours before applying the polyurethane to the microcement.

- Apply with a brush or short-pile velour roller or microfiber roller.
- Application should be done at ambient temperatures between 10°C and 30°C.
- We recommend lightly sanding the first and second coats with 400-grit sandpaper.

Apply 3 coats of SMART VARNISH in one day. For added protection in wet areas like bathrooms, you can apply 4 coats. Allow 4 hours of drying time between each coat. If applying over old varnish, it is necessary to sand the surface thoroughly and remove any stains, grease, dust, poorly adhered product, etc.

Allow at least 7 days to dry before putting it into use. Full curing will depend on environmental conditions. At 23°C and 50% humidity, it will take 7 days.

It has resistance to running water (occasional contact), but it is not waterproof against stagnant water. In the case of soap or detergent residues, rinse immediately, as these can cause the appearance of marks or grooves.

Check adhesion in a corner or hidden area before proceeding with the complete varnishing.



The product should not be used for purposes other than those specified without first having written instructions for its handling. It is always the responsibility of the user to take appropriate measures to comply with the requirements established by the regulations.

Safety Data Sheets for the product are available to professionals.

CONSUMPTION

SMART VARNISH: 5 m² per liter (3 coats/layers).

CHARACTERISTICS

Aliphatic polyurethane dispersion with polycarbonate.

Matte finish solids: 32.5 - 36%

Satin finish solids: 25.5 - 28.5%

SPECIAL PRECAUTIONS

Non-flammable product.

In case of eye contact, rinse with plenty of water for 15 minutes and seek medical attention. In case of skin contact, wash with water and soap. Never use solvents or thinners. Do not ingest. In case of ingestion, do not induce vomiting and seek immediate medical attention.

It is recommended to follow these measures:

- Adequate ventilation.
- Rubber gloves.

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.

Do not ingest.

TOOL CLEANING

Tools should be cleaned with water immediately after use.

PRESENTATION

It is available in containers of 2 liters (SMART KIT) and 5 liters.

STORAGE CONDITIONS

The product should be stored in its original sealed container, protected from the elements 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.

Last updated: October 2023