

SMART VARNISH

SMART VARNISH is a one component water based polyurethane varnish. The product is suitable for the protection of microcement in interiors and exteriors. Available in matt and satin.

PROPERTIES

- High resistance to abrasion and scratching.
- Good resistance to water and cleaning domestic products.
- Unalterable to ultraviolet light (no yellowing).
- Significantly enhances the color of microcement coatings.
- Fast drying and easy application. Apply 3 coats in one day, drying between coats 2-3h.
- Free of APEOs, NMP, ammonia, formaldehyde, isothiazolinones and low odor.

TECHNICAL DATA

| | |
|--|------------------------------|
| Colour | Transparent (in dry film) |
| Finish | Satin or matt |
| Shore D hardness | 70 ± 3 |
| Density | 1,03 ± 0,01g/cm ³ |
| Dynamic viscosity (L3 at 250 rpm) | 150 ± 25 mPa•s |
| Static viscosity (L2 at 20 rpm) | 175 ± 25 mPa•s |
| Viscosity in Ford Cup 4 mm | 50 ± 10 s |
| Minimum application temperature | 8°C |
| Touch dry | 1 - 2 h |
| Recoating | 2 - 3 h |
| Drying | 24 h |
| Curing time | 7 days |

ONE-COMPONENT MATT CHEMICAL RESISTANCES*

| PRODUCT | 24 HOURS | | | 7 DAYS | |
|-------------------|----------|----|----|--------|----|
| | 1H | 3H | 8H | 3H | 8H |
| WATER | 5 | 5 | 5 | 5 | 5 |
| BEACH | 4 | 4 | 1 | 4 | 3 |
| OIL | 4 | 4 | 4 | 5 | 4 |
| HYDROCHLORIC ACID | 5 | 5 | 5 | 5 | 5 |
| VINEGAR | 5 | 5 | 4 | 5 | 4 |
| WINE | 3 | 3 | 2 | 3 | 3 |
| SOAP | 5 | 5 | 5 | 5 | 5 |

ONE-COMPONENT SATIN CHEMICAL RESISTANCES*

| PRODUCT | 24 HOURS | | | 7 DAYS | |
|-------------------|----------|----|----|--------|----|
| | 1H | 3H | 8H | 3H | 8H |
| WATER | 5 | 5 | 5 | 5 | 5 |
| BEACH | 5 | 4 | 4 | 5 | 4 |
| OIL | 5 | 4 | 4 | 4 | 4 |
| HYDROCHLORIC ACID | 5 | 5 | 5 | 5 | 5 |
| VINEGAR | 5 | 5 | 4 | 5 | 5 |
| WINE | 4 | 4 | 4 | 3 | 3 |
| SOAP | 5 | 5 | 5 | 5 | 5 |

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.

*The results are obtained with the application of 3 coats of varnish.

PREPARATION

Stir the contents before use, especially in the matt varnish in order to homogenise the dispersion of the loads.

No dilution required. Ready to use.

APPLICATION

Antes de aplicar SMART VARNISH será imprescindible Before applying TOPSEALER ALL IN ONE, check that the microcement is dry and free of dust. Depending on the climatic conditions and the ventilation of the work space, it will be necessary to allow 24 to 48 hours to elapse before applying the polyurethane to the microcement.

- Apply with a brush or velour roller with short hair or microfibre.
- The application should be made at ambient temperatures between 10°C and 30°C.
- Apply 3 coats of varnish in a day, leaving 2 hours between coats. Before applying the second coat we recommend slightly sanding the first coat with 400 grain sandpaper.

If it is applied over old varnish, the surface must be well sanded and the remains of stains, grease, dust, badly adhered product, etc. must be removed. Check the adherence in a corner or hidden area before proceeding with the complete varnishing.

PACKAGING

It is supplied in 2 L (Smart Kit) and 5 L containers.

STORAGE CONDITIONS

It should be stored in its original closed container and 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 time of use is 1 year from the date of manufacture, properly stored.



The product must not be used for purposes other than those specified, without first having written instructions for its use. It is always the responsibility of the user to take appropriate measures in order to comply with the requirements set out in the legislation. The Safety Data Sheets of the product are available to the professional.

CONSUMPTION

Topsealer All In One - 5 m² / L (3 coats)

FEATURES

Aliphatic polyurethane dispersion with polycarbonate.
Solids: 22 ± 2%

SPECIAL PRECAUTIONS

Non-flammable product.

In case of contact with skin wash with soap and water. Never use solvents or diluents. Do not ingest. In case of ingestion do not provoke vomiting and seek medical attention immediately.

It is recommended to comply with the following measures:

- Good ventilation.
- Use of mask with chemical absorbent
- Protective glasses to avoid 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 the reach of children.

CLEANING OF TOOLS

Tools are cleaned with water immediately after use.



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