

AQUASMART®-TC PROTECTION VARNISH

Water Based Aliphatic, Satin Finish Polyurethane Top-Coat.

DESCRIPTION

AQUASMART® -TC Protection Varnish is a two component, water based, aliphatic top coat with exceptional performance in a multitude of applications.

AQUASMART® -TC Protection Varnish has excellent UV, chemical, water and abrasion resistance. The product is easily pigmented with off the shelf water-based pigment pastes in a 5-10% by weight ratio depending on the hiding power required.

Application is carried out with a roller at a consumption of 150-300 gr/m² (in one or two coats).

RECOMMENDED FOR

- UV protective (pigmented) coat for self-levelling polyurethane and epoxy floors.
- Parquet protection
- Microcement and self-leveling mortar protection
- Industrial paint

FEATURES & BENEFITS

- Water based
- Easy to apply
- Fast Curing
- Excellent UV resistance
- Easy pigmentation with water based pigment concentrates

APPLICATION PROCEDURE

Mixing:

Ensure both components are at room temperature before use. Mix the two components thoroughly

Application:

Apply with roller or spray. Make sure not to disturb applied material with excessive rolling as roll marks may appear. The material is relatively fast drying and therefore any additional rolling after first application will cause surface defects to appear.

Make sure first coat is completely dry before second coat is applied.

CONSUMPTION

Minimum consumption 150 gr/m²

CLEANING

Clean tools and equipment with water.

PACKAGING

0,8 kg Comp. B + 0,08 Kg Comp. A
4 kg Comp. B + 0,4 Comp. A

SHELF LIFE

Can be kept for 6 months minimum in the original unopened pails in dry places and at temperatures of 5-25 °C.

SAFETY INFORMATION

The MSDS (Material Safety Data Sheet) is available on request.

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TECHNICAL SPECIFICATIONS

PROPERTY	UNITS	METHOD	SPECIFICATION
Viscosity (Brookfield) Comp.A+Comp.B	cP	ASTM D2196-86, @ 25 °C	500-800
Specific weight	gr/cm ³	ASTM D1475 / DIN 53217 / ISO 2811, @ 20 °C	1.00-1.10
Required application temperature	°C	-	> 5
QUV Accelerated Weathering Test (4hr UV, @ 60 °C (UVB- Lamps) & 4hr COND @ 50°C)	-	ASTM G53	passed (5,000 hours)

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