

AQUASMART®-TC 2K FLOOR PROTECT

Unique Water based two component, Aliphatic, Satin Finish Polyurethane Top-Coat.

DESCRIPTION

AQUASMART® -TC 2K FLOOR Protect is a two component, water based, aliphatic coating with exceptional performance in a multitude of applications. The product is highly recommended for the protection of epoxy and polyurethane self-levelling floors.

AQUASMART® -TC 2K FLOOR Protect has excellent UV, chemical, water and abrasion resistance. The product has excellent resistance to staining and 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.
- Car Park final protective layer.
- Industrial paint

FEATURES & BENEFITS

- Water based
- Easy to apply.
- Fast Curing
- Excellent UV resistance.
- Easy pigmentation with water based pigment concentrates
- long pot life
- Excellent interlayer adhesion

APPLICATION PROCEDURE

Clean the substrate using a high-pressure washer, if possible. Remove oil, grease and wax contaminants.

Mixing:

Use a low speed (300 rpm) mixer. Add second component and continue mixing for a few minutes.

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.

For the protection of micro cement or self levelling mortars it is recommended that a first coat of **AQUASMART®-TC 2K Anti Stain** is used as a penetrating primer.

If application takes place in high temperatures on concrete or cementitious substrates, the substrate should be dampened in order to increase the working time.

CONSUMPTION

Minimum consumption 150 gr/m²

CLEANING

Clean tools and equipment with water.

PACKAGING

0.96 kg (comp. A 0.16 kg, comp. B 0.80 kg)

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SHELF LIFE

Can be kept for 12 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.

TECHNICAL SPECIFICATIONS

PROPERTY	UNITS	METHOD	SPECIFICATION
Solids content (in water)	%	-	50-60
Viscosity (Brookfield)	cP	ASTM D2196-86, @ 25 °C	100-300
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 (2,000 hours)

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