

AQUASMART®-TC 2K

POOL PROTECT

Unique Water based two component, Aliphatic, Satin Finish Polyurethane Top-Coat for UV protection of Pool Coatings.

DESCRIPTION

AQUASMART® -TC 2K POOL PROTECT is a two component, water based, aliphatic coating with exceptional resistance to chlorine treated water as well as UV resistance in any color. A common problem in swimming pool waterproofing with Epoxy systems is that over time the color instability of the epoxy coat gives a washed out look to the coating or even in the case of bad quality epoxies severe discoloration.

AQUASMART® -TC 2K POOL PROTECT is a fully aliphatic, polyurethane top coat with extreme UV resistance in any color even very dark colors. The material is easily pigmented by using water based pigment pastes available in hardware stores. The product displays excellent adhesion to epoxy and polyurethane coatings. The rheology of the material also allows easy application in the vertical walls of the swimming pool. Finally, the product displays excellent resistance to staining. Application is carried out with a roller at a consumption of 150-300 gr/m² in one or two coats.

FEATURES & BENEFITS

- Excellent resistance to chlorine treated water
- 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

Mixing:

Use a low speed (300 rpm) mixer. Add second component and continue mixing for a few minutes. Add the pigment paste 5-10% by weight and mix until product has a homogenous color.

Application:

Apply over fresh **EPOXY-51 POOL** (or equivalent epoxy based pool coating). If more than 72 hours have passed since application of epoxy main coat, please carry out adhesion test.

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.

AQUASMART® -TC 2K POOL PROTECT is not an anti-slip coating. Please add quartz sand or other mineral in areas where anti slip properties are required.

CONSUMPTION

Minimum consumption 150gr/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	300-600
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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