

AQUASMART®-TC 2K ELASTIC

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

DESCRIPTION

AQUASMART® -TC 2K ELASTIC is a two component, water based, aliphatic coating with exceptional UV resistance and elasticity. The product is very elastic even at very low temperatures of -20 degrees C. This elastomeric behavior makes it an ideal fit for UV protection of all Hyperdesmo® range products.

AQUASMART® -TC 2K ELASTIC has excellent UV, chemical, water and abrasion resistance. It 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 with at a consumption of 200-300 gr/m² per coat.

RECOMMENDED FOR

- Color protection of all Hyperdesmo® range products
- 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:

As a Top coat for Hyperdesmo® range products: Application of Aquasmart TC should be done within 48 hours of application of Hyperdesmo. The surface should be clean and free of contaminants and ponding water.

Apply with roller, at a minimum of 200 gr/m² in one or two coats.

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 400 gr/m² in two coats.

CLEANING

Clean tools and equipment with water.

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.

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TECHNICAL SPECIFICATIONS

PROPERTY	UNITS	METHOD	SPECIFICATION
Solids content (in water)	%	-	50-60
Viscosity (Brookfield)	cP	ASTM D2196-86, @ 25 °C	2000-3000
elongation	%	ASTM D412	>300%
Specific weight	gr/cm ³	ASTM D1475 / DIN 53217 / ISO 2811, @ 20 °C	1
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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