# AQUASMART®-TC 2K FLOOR PROTECT

Product Data Sheet

## 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.

### 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

### Recommended For

- UV protective (pigmented) coat for self-levelling polyurethane and epoxy floors.
- Car Park final protective layer.
- Industrial paint

### 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/m$^2$ .

### Cleaning

Clean tools and equipment with water.

### Packaging

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

### Safety Information

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

### Shelf Life

Can be kept for 12 months minimum in the original unopened pails in dry places and at temperatures of 5-25 °C.

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## Technical Specifications

| Property | Units | Method | Specification |
|---|---|---|---|
| Solid content (in water) | % | - | 50-60 |
| Viscosity (Brookfield) | cP | ASTM D2196-86, @ 25 °C | 100-300 |
| Specific weight | gr/cm³ | ASTM D1475 / DIN 53217 / ISO 2811, @ 20 °C | 1.00-1.10 |
| Required application temperature | °C | - | >5 |
| QUV Accelerated Weathering Test | - | ASTM G53 | Passed (2,000 hours) |

For more information on Hyperdesmo, Aquasmart & Hyperseal range of products and application methods
Please contact Alchimica Technical Service at **info@alchimica.co.in**

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