

## AQUASMART®-FILLER

### Unique Water based two component, Aliphatic, Polyurethane gap filler for marble stone carpets

#### DESCRIPTION

**AQUASMART® -FILLER** is a two component, water based, aliphatic polyurethane ideal for use as a gap filler for marble stone carpets. The product is recommended to be used for indoor applications.

The product has excellent UV, chemical, water and abrasion resistance.

Recommended consumption is 1Kg/m<sup>2</sup> and application is first carried out with rubber spatula with pressure and finished off with short hair roller.

#### RECOMMENDED FOR

- As a gap filler for marble stone carpets (bathroom and indoor applications)

#### FEATURES & BENEFITS

- Water based
- Easy to apply .
- Excellent UV resistance.
- Relatively long pot life

#### APPLICATION PREREQUISITES

##### Standard concrete substrate conditions (no primer needed):

- Hardness: R<sub>28</sub> = 15 Mpa.
- Temperature: 5-35 °C.
- Relative humidity: < 85%.

Suitable primers: **AQUADUR™**, **AQUASMART-DUR**, **UNIVERSAL PRIMER**, **MICROSEALER** depending on the substrate. Please contact our

technical department for primer selection advice.

#### 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:

Recommended consumption is 1Kg/m<sup>2</sup> and application is first carried out with rubber spatula with pressure and finished off with short hair roller.

#### CLEANING

Clean tools and equipment with water.

#### PACKAGING

10 + 0,5 Kg kits

#### 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.

# AQUASMART®-FILLER

## TECHNICAL SPECIFICATIONS

### In liquid form (before application):

PROPERTY	UNITS	METHOD	SPECIFICATION
Solids content (in water)	%	-	40
Viscosity (Brookfield)	cP	ASTM D2196-86, @ 25 °C	5-7000
Specific weight	gr/cm <sup>3</sup>	ASTM D1475 / DIN 53217 / ISO 2811, @ 20 °C	1
Required application temperature	°C	-	> 5

### In cured form (after application):

PROPERTY	UNITS	METHOD	SPECIFICATION
Hardness	Shore D	ASTM D2240 / DIN 53505 / ISO R868	60
H <sub>2</sub> O absorption	%	-	< 4
QUV Accelerated Weathering Test (4hr UV, @ 60 °C (UVB-Lamps) & 4hr COND @ 50 °C)	-	ASTM G53	passed (2,000 hours)
Resistance to sodium Hypochlorite 5%	-	10 days @ 25° C	passed
Resistance to HCl 1N, PH=0.5	-	10 days @ 25° C	passed
Resistance to KOH 5%	-	10 days @ 25° C	passed

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