



## **Voga Tile-Grout**

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VOGEL SYSTEMS Technical data sheet

Date / Revised: 22.09.2022

Version: 1.0

Product: **Voga Tile-Grout/UW**

Date of print 22.09.2022

### **1. Identification**

#### **Product identifier**

**Voga Tile-Grout/UW**

#### **Relevant identified uses of the substance or mixture and uses advised against**

Relevant identified uses: Product for construction chemicals Recommended use: for industrial and professional users



#### **Details of the supplier of the safety data sheet**

##### **Company:**

**VOGEL SYSTEMS**

Operating Division Construction Chemicals

E-mail address: [info@vogel-systems.de](mailto:info@vogel-systems.de)

#### **Emergency telephone number**

International emergency number

## Tile & Ceramic adhesive for damp and under water conditions

### DESCRIPTION

**Voga Tile-Grout/UW** is a high performance, one-pack, polymer containing, water resistant, premixed adhesive. Consisting of high resistance cements, selected silicon / quartz mineral charges and specific additives, used as thin bed tile adhesive for permanent fixing of ceramic tiles

### APPLICATION FIELDS

**Voga Tile-Grout/UW** is a ready mixed, thin bed wall tile adhesive, suitable for fixing porcelain, ceramic, and natural stone wall tiles to most rigid interior wall surfaces such as plaster, concrete, wood, paint, brick, and plasterboard.

### ADVANTAGES

- 1.Highly workable, can be easily applied.
- 2.Excellent bonding even in damp condition.
- 3.Excellent resistance to water and humidity.
- 4.Economical to use.
- 5.Extended working time.
- 6.Factory blended, needs only the addition of clean water.

### USES

**Voga Tile-Grout/UW** be used as in areas such as :-

1. Fixing ceramic tiles in kitchen, bathrooms, swimming pools, floors, walls, Clay Bricks exterior Cladding and terraces.
2. Fixing terrazzo quartz tiles on all types of masonry surfaces.
3. Fixing marble recommended to add 1 L of Voga Latex to 25 kg bag.

## APPLICATION INSTRUCTIONS

### • Surface Preparation

- The surface should be clean, sound and free of dirt, dust, grease and oil.
- All crevices, holes in the substrate should be filled up and leveled.
- for best results damp down the surface slightly tiles.
- During application substrate must be free from rising dampness and other hydrostatic pressure.

### • Mixing

- Mix **Voga Tile-Grout/UW** with water at the ratio 5 to 6 liters of water per 25 kg of powder Until a uniform lumps free consistency is obtained. Leave the mass for 5 to 10 Minutes to complete the chemical reaction. Mixing should Be by a forced action mixer. Hand mixing is recommended only for small quantity.

### • Application

- Apply **Voga Tile-Grout/UW** a uniform thickness of 3mm to 8 mm on the substrate. Do not spread more than 1m<sup>2</sup> at a time.
- For horizontal application and heavy - duty vertical applications, a solid fixing Bed is recommended.
- For other vertical application use a toothed spatula to Comb horizontally to remove excess quantity of adhesive. The trowel should have 6mm notches at 25mm intervals center to center. Place the tile on the adhesive bed, press it and set carefully, so that the mortar is spread evenly.
- The tile joints may be filled with Tri-Tile Grout a minimum of 24 hours after the fixing of tiles.

## CLEANING

Tools and equipment should be cleaned, immediately after use, with Water.

Once product cures, this can only be removed by mechanical means.

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**TECHNICAL DATA**

Product characteristics	
<b>Base</b>	Cement, polymer and special additives
<b>Color</b>	White - Grey.
<b>Density</b>	1.85 kg / L
<b>Setting time</b>	45 - 60 min
<b>Pull off strength</b>	1.1 MPA
<b>Tensile strength</b>	1.16 MPA
<b>Open time</b>	1.30 hour
<b>Slip resistant</b>	0.75 mm
<b>Rate of use (theoretical)</b>	8-10 m <sup>2</sup> per 25 kg bag for 1.5-3 mm thickness

**PACKAGING**

**Voga Tile-Grout/UW** is supplied in pre-weighed sack of 20 kg.

**STORAGE**

Twelve months in its unopened original packaging. Store in a cool, dry and covered place, protected from moisture, frost and direct sunlight, with temperatures between 5 °C and 30 °C.

**SAFETY AND HEALTH**

**Voga Tile-Grout/UW** is a non-toxic product but direct contact with skin and eyes must be avoided. Use rubber gloves and safety goggles when handling, mixing and applying the product.

- If ingested seek medical advice.