

# VELOSIT® TG 721

## Flexible Tile Grout 3 – 20 mm



### Application fields

VELOSIT TG 721 is a flexible cementitious tile grout for a wide variety of ceramic tiles and many natural stones. Typical application fields include fixing of:

- Walls and floors
- Ceramic and porcelain tiles
- Natural, concrete and artificial stone coverings resistant to discoloration
- Glass and porcelain mosaic
- Clinker bricks and facing masonry
- On heated or unheated substrates
- In wet rooms, showers and kitchens
- Interior, exterior and under water applications

### Properties

VELOSIT TG 721 is a polymer modified cementitious tile grout with normal strength development. VELOSIT TG 721 meets the elevated requirements of class CG2 acc. EN 13888.

Typical properties:

- Quickly washable
- High abrasion resistance
- High flank adhesion
- Waterproof and frost resistant
- Creamy workability
- For joint widths of 3 to 20 mm
- Hydrophobic

### Application

#### 1.) Substrate preparation

Joint flanks must be clean and free from bond-breaking substances. Remove adhesive residues from the joint for a uniform joint depth. Wait for thin bed adhesives to be sufficiently dried before installing the grout. On thick bed applications the adhesive must be completely dry before application of VELOSIT TG 721. The high pigmentation of VELOSIT TG 721 may lead to discoloration of absorptive coverings. In doubt make a test application before applying it to the surface. Always consult the application guidelines of the manufacturer of the covering material.

## 2.) Processing

Mixing: Mix VELOSIT TG 721 with 18 % potable water, i.e. 2.2 l (2.3 qt.) water per 12.5 kg (27.5 lb.) pail. Fill the complete mixing water into a suitable bucket and mix the powder with a slow speed drill (300 – 600 rpm) into the water until a lump-free mix is achieved. Allow the product to stand for 2 min. and mix again. The product is workable for min. 30 min. at 23 °C.

### Application:

Apply the desired amount of VELOSIT TG 721 with a rubber washer or a rubber joint board flush into the joints. Avoid grout residues on the covering surface.

Once the VELOSIT TG 721 grout has started to set (finger test) wash the surface with a wet sponge without pressure. Always use clean water and wash the sponge frequently and thoroughly.

If necessary remove grout residues after the grout has set (min. 1 hour wait time) with a damp sponge. Never wash a fresh joint with a wet cloth. When working outdoors, the grout must be protected from the weather for at least 24 hours.

## 3.) Curing

VELOSIT TG 721 does not require curing as it reacts very fast with water. The surface is carefully trafficable after 3 hours.

## Estimating

Application rate depends on joint volume and typically ranges from 0.5 to 2.2 kg/m<sup>2</sup>.

## Cleaning

VELOSIT TG 721 can be removed in the fresh state with water. Once cured, acidic cleaners like muriatic acid are required. For regular cleaning use neutral cleaners as the material is not acid resistant and will wear off over time if acidic cleaners are used.

## Quality features

Color:	Grey, cement grey
Mixing ratio by weight:	100 : 18
Mixing ratio by volume:	100 : 22
Density:	1.2 kg/l
Substrate temperature:	5 – 35 °C* (40 – 95 °F)
Pot life:	30 min.
Open to foot traffic:	3 hours
Ready for load:	approx. 12 h

## Packaging

VELOSIT TG 721 is available in 12.5 kg (27.5 lbs.) plastic pails.

## Storage

VELOSIT TG 721 can be stored in unopened original packs for 12 months at 5 – 35 °C (40 – 95 °F) in a dry storage place protected against sunlight.

## Safety

Please observe the actual valid material safety data sheet and follow the described safety measures for handling of the product.

## Recommendations

VELOSIT TG 721 is only available for professional applicators.

Never add water to VELOSIT TG 721 when it has started to set. Stiffened material must be disposed.

All described product features are determined under controlled laboratory conditions according to the relevant international standards. Values determined under job site conditions may deviate from the stated values.

Please always use the latest version of this data sheet available from our website [www.velosit.de](http://www.velosit.de).

## Manufacturer

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