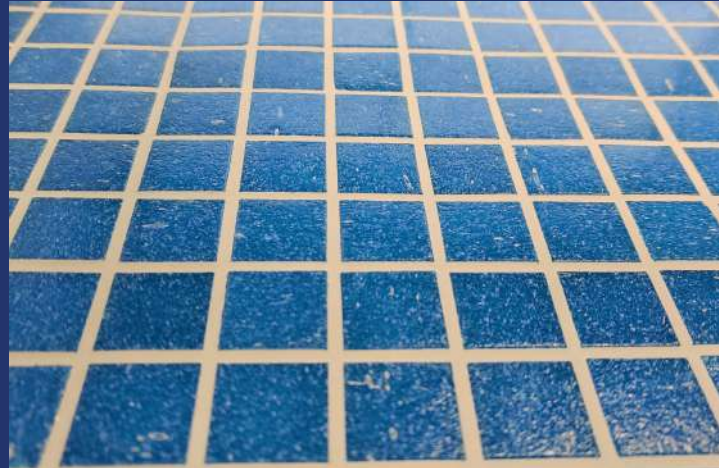


VELOSIT® TG 720

Rapid Colored Tile Grout 1 – 10 mm



Application fields

VELOSIT TG 720 is a fast setting flexible cementitious tile grout for a wide variety of ceramic tiles and many natural stones. The rapid crystalline water reaction minimizes efflorescence and discoloration in sensitive covering materials. Typical application fields include fixing of:

- Walls and floors
- Ceramic and porcelain tiles
- Natural, concrete and artificial stone coverings especially marble and granite
- Glass and porcelain mosaic
- For Jura „Solnhofer“ tiles
- On heated or unheated substrates
- In wet rooms, showers and kitchens
- Interior, exterior and under water applications

Properties

VELOSIT TG 720 is a polymer modified cementitious tile grout with rapid strength development.

VELOSIT TG 720 meets the elevated requirements of class CG2 acc. EN 13888.

Typical properties:

- Polymer modified
- Quickly washable
- High abrasion resistance
- Resistant against mold and bacteria
- Waterproof and frost resistant
- Creamy workability
- For joint widths of 1 to 10 mm
- Hydrophobic
- Very low emissions - EMICODE EC1 PLUS

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 720. The high pigmentation of

VELOSIT TG 720 may lead to discoloration of very 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 720 with 24 - 26 % potable water, i.e. 1.2 – 1.3 l (1.2 – 1.3 qt.) water per 5 kg (11 lb.) pail. Fill the 1.2 l 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. Add up to 0.1 l water to adjust the consistency. The product is workable for min. 30 min. at 23 °C.

Application:

Apply the desired amount of VELOSIT TG 720 with a rubber washer or a rubber joint board flush into the joints. Avoid grout residues on the covering surface.

Once the VELOSIT TG 720 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.

On adjacent areas use VELOSIT TG 720 with the same batch number to avoid color differences between separate mixes.

3.) Curing

VELOSIT TG 720 does not require curing as it reacts very fast with water. The surface is carefully trafficable after 4 hours.

Estimating

Application rate depends on joint volume and typically ranges from 0.3 to 1.3 kg/m².

Cleaning

VELOSIT TG 720 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

Colors:	Brilliant white, Grey, light grey, anthracite
Mixing ratio by weight:	100 : 25
Mixing ratio by volume:	100 : 30
Density:	1.2 kg/l
Substrate temperature:	5 – 35 °C* (40 – 95 °F)
Pot life:	30 min.
Open to foot traffic:	4 hours
Ready for load:	approx. 12 h

Packaging

VELOSIT TG 720 is available in 5 kg (11 lbs.) plastic pails.

Storage

VELOSIT TG 720 can be stored in unopened original packs for 24 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 720 is only available for professional applicators.

Never add water to VELOSIT TG 720 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.

Manufacturer

VELOSIT GmbH & Co. KG
Industriepark 5 – 7
32805 Horn-Bad Meinberg
Germany
www.velosit.de