



TECHNICAL DATA SHEET

VIA Tile Adhesive

Fast-setting, flexible bedding mortar for cement tiles and terrazzo tiles

VIA Tile Adhesive is a fast-setting, flexible thin- and medium-bed mortar for laying VIA Cement Tiles and terrazzo tiles indoors. It is non-slump, rapidly hydraulically setting, low in chromate and suitable for underfloor heating.

Cement-bound tiles are absorbent and interact with the moisture of the mortar bed. The adhesive is therefore designed for rapid, controlled setting and is applied using the combined buttering-floating method so that a full-bed, void-free mortar layer is achieved.

PRODUCT

Properties

- Very low emission, EMICODE EC1 PLUS
- Non-slump, slip-resistant on floors and walls
- Rapid hydraulic setting
- Low in chromate to REACH Annex XVII no. 47
- Suitable for underfloor heating
- Suitable for absorbent and non-absorbent coverings
- Installation to DIN 18157

TECHNICAL DATA

Technical Data

Base	Cement, mineral aggregates, polymer modification
Mixing ratio	25 kg to approx. 6.25 l clean water
Stirrer	approx. 600 rpm
Maturing time	approx. 3 minutes, then stir again
Pot life at +23 °C	approx. 45 minutes
Open time	approx. 15 minutes
Foot traffic after	approx. 6 hours
Groutable after	3 days
Bed thickness	5 to 10 mm
Consumption at 5 mm	approx. 7 kg/m ²

Application temperature	+5 to +25 °C
Temperature resistance	when cured -15 to +70 °C
Packaging	25 kg paper bag
Shelf life	12 months dry in the unopened bag
GISCODE	ZP1
Standards	DIN 18157, DIN 18202, DIN EN 1264-4

SUBSTRATE

Substrate Requirements

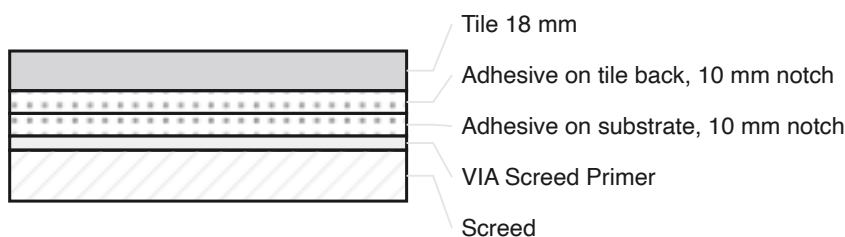
The substrate must be level to DIN 18202, sound, permanently dry and free from bond-inhibiting substances. Heated screeds must be commissioned by a documented function heating cycle to DIN EN 1264-4 and cooled down again to laying readiness.

- Absorbent mineral substrates must be primed with VIA Screed Primer.
- Movement and perimeter joints must be carried through the entire build-up.
- Level differences and unevenness must be levelled beforehand with a suitable levelling compound.

APPLICATION

Buttering-Floating

VIA Cement Tiles are laid exclusively using the combined buttering-floating method. The substrate and the back of the tile are first given a thin scratch coat, then both sides are combed with a 10 mm notched trowel. Bedding and floating the tile in produces a closed mortar bed of around 5 mm.



Build-up in the buttering-floating method, mortar bed approx. 5 mm after floating in

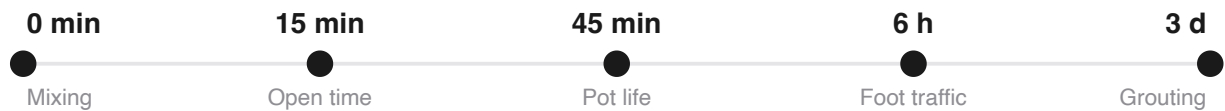
NOT PERMITTED

Spot or dab fixing is excluded for VIA Cement Tiles. Voids lead to uneven water absorption, staining and edge chipping and are the most frequent cause of complaints.

SEQUENCE

Application Steps

- 1 Mixing**
Add 25 kg dry mortar to approx. 6.25 l clean, cold water and mix lump-free with a slow-running stirrer. Allow to mature for approx. 3 minutes, then stir again briefly.
- 2 Scratch coat**
Apply a thin, firm scratch coat with the flat side of the trowel to the substrate and the back of the tile to secure the bond in the pores.
- 3 Combing**
Comb both sides in one direction with a 10 mm notched trowel. Prepare only as much area as can be covered within the open time.
- 4 Bedding and floating in**
Place the tile, float it in with slight sliding movements and align it. Joint width 1 mm. Do not tap, press down evenly instead.
- 5 Checking**
At regular intervals lift a freshly laid tile again and check the full-surface wetting of the back.
- 6 Cleaning**
Remove mortar residues from the visible surface immediately with a damp cloth. Dried mortar cannot be removed without residue.



Time line at +23 °C. Higher temperatures shorten all times.

IMPORTANT INFORMATION

Notes, Storage and Disposal

- Use only clean tools and clean mixing water.
- Do not add water to stiffened mortar and do not re-stir it.
- Do not apply to frozen or thawing substrates.
- Store dry and on pallets, close the bag tightly after opening.
- Cured mortar: waste code 17 01 01 or 10 13 14.
- Packaging: EWC 15 01 01 (paper) or 15 01 05 (composite).

SAFETY

Labelling

Danger



Classification	Skin Irrit. 2, Eye Dam. 1, STOT SE 3
H315	Causes skin irritation.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
Low in chromate	Soluble chromium(VI) $\leq$ 0.0002 % of the dry mass, at least 12 months from the date of manufacture.

When handling the dry mortar, wear safety goggles to EN 166, cement-resistant gloves and, during dust-generating work, an FFP2 mask to EN 149. Further information is given in the safety data sheet for VIA Tile Adhesive.

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Version 05 / 2019