



Tile adhesive

VIA Cement mosaic tiles and VIA terrazzo tiles



technical data sheet



Fast-setting, flexible laying mortar for laying VIA cement mosaic tiles and terrazzo tiles. Application with scratch levelling on both sides and subsequent 10 mm toothing on tile and screed in a combined buttering-floating process.

Processing features

- EMICODE EC1 PLUS: very low emissions
- stable panel adhesiv
- hydraulically fast hardening
- suitable for floor heating
- low in chromate

Technical data

- Pot life: approx. 45 min. at plus 23 °C
- Open time: approx. 15 minutes*
- Can be walked on: after approx. 6 hours
- Grouting: after approx. 3 days
- Processing temperature: from plus approx. 5 °Celsius to plus 25 °Celsius.
- Temperature resistance: in the hardened state of approx. minus 15 °C to plus 70 °C.
- Material consumption (powder): at 5 mm thickness approx. 7 kg/m².
- Layer thickness 5 - 10 mm.

**The open time is subject to fluctuations depending on the temperature and construction site.
Therefore, check the applied tile adhesive for wettability with your finger.*

Underground

The VIA tile adhesive is suitable for:

- Cement screeds
- Calcium sulphate bonded screeds

Requirements for the underground

- Sufficient dryness, strength, load-bearing capacity and dimensional stability.
- Free of adhesion-reducing layers such as dust, dirt, oil, grease and loose parts.
- Separating layers, sintered layers, etc. must be removed by suitable mechanical means, e.g. grinding, brushing, blasting or milling.
- It should fulfil the requirements of DIN 18202, tolerances in building construction.
- The requirements of the DIN 18157.



- Cement screeds must be at least 28 days old, correspond to strength class F4 and have a residual moisture content of ≤ 1.8 CM-%, calcium sulphate-bound screeds of ≤ 0.5 CM-%, with underfloor heating < 0.3 CM-%.
- Calcium sulphate screeds must always be prepared in accordance with the BEB information sheet „Notes on the assessment and preparation of the surface of anhydrite screeds“.
- When laying on heated screeds, the information sheets „Ceramic tiles and paving Ceramic tiles and slabs, natural and artificial stone on heated and unheated cementitious floor constructions“ and DIN EN 1264, Part 4 apply. For heated floor constructions, we recommend observing the BVF technical information „Interface coordination for heated floor constructions“.

Primer

- see technical data sheet: Screed primer.

Mixing ratio

- aying mortar: for 25 kg, approx. 6.25 litres of water.

Application recommendation

- Mix the VIA panel adhesive homogeneously in a clean container by stirring it into cold, clean water. The use of a stirring machine with 600 rpm is recommended. Do not mix more material than can be processed within approx. 45 minutes.
- The VIA panel adhesive is applied to the panel and screed using the combined buttering-floating method with prior scraping levelling on both sides and 10 m toothing on board and screed.
- Do not stir material that has already set with water or mix with powder.
- Do NOT wash the boards during installation until the adhesive has not yet set.
- Tools can be cleaned with water immediately after use.

Packaging

- 25 kg paper bag

Storage

- Store VIA panel adhesive in a cool and dry place.
- Shelf life 12 months (in unopened container).
- Opened containers must be closed immediately and consumed as quickly as possible.

Waste disposal

- Packaging is registered with a packaging recycling system. Please return empty containers to the collection system
- For the disposal of product residues, wash water and containers with product residues, please observe the local official regulations.
- Material residues can be dried or cured and disposed of as industrial waste or residual waste.



EMICODE

- EC 1PLUS: very low emission, regulated GISCODE
- ZP1 - Cementitious products, low chromate

Notes

- All data are approximate values and are subject to room climate fluctuations
- The VIA panel adhesive contains cement. Reacts alkaline with moisture, therefore protect skin, eyes and respiratory organs. Do not inhale dust. In case of contact, rinse thoroughly with water. In case of eye contact, also consult a doctor.

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- Please refer to the relevant product data sheets for additional products. In cases of doubt, we recommend obtaining further information from the manufacturer.
- Protect VIA panel adhesive from high temperatures and direct sunlight during processing, as these have a strong influence on the open time.
The skin formation must be observed.
- High temperatures accelerate the hardening process, low temperatures delay the hardening process. The relevant recommendations, guidelines and DIN regulations and safety data sheets must be observed.
The recognised rules of architecture and technology apply. We guarantee the flawless quality of our products. Our processing recommendations are based on tests and practical experience; however, they can only be general information without any guarantee of properties, as we have no influence on the building site conditions, the execution of the work and the processing.

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