

Technical Data Sheet

Flexfliesenkleber

One-component, cemented, highly modified tile adhesive C2TE according to DIN EN 12004 for the laying of clinker brick, stoneware, stoneware, porcelain stoneware and glass mosaic in the thin and medium bed method

Area of application:

- Clinker brick
- Ceramic tiles
- Concrete blocks
- Insulation and expansion boards
- Mosaics
- Wall and floor

Technical data:

- Adhesive thickness up to 10 mm
- Mixing water for 25 kg approx. 7.5 liters
- Ripening time about 3 minutes
- Pot life about 2 hours
- Open time approx. 20 minutes
- Processing temperature +5 ° C to +25 ° C (air, object and material temperature)
- Temperature resistance from -20 ° C to +80 ° C
- Can be walked on after approx. 12 hours
- To be grouted after approx. 24 hours
- Fully loadable after 28 days
- Building material class A1 / A1fl

Properties:

- Frost resistant
- Easy to work with
- Flexible
- Waterproof
- Hydraulically setting
- Suitable for underfloor heating
- Resistant to aging
- Adhesive strength according to DIN EN 1348 > 1.0 N / mm²

Material base:

- Factory dry mortar based on Portland cement DIN EN 197, quartz sand according to DIN EN 13139 as well as additives to improve the processing properties.

Material consumption:

The material consumption depends on:

- the texture of the surface
 - the handling of the tools
 - the type of ceramic material to be processed
- 6 toothing – approx. 2,5 kg/ m²
8 toothing – approx. 3,5 kg/ m²
10 toothing – approx. 4,5 kg/ m²

Substrate properties:

- firm, stable and free of cracks, clean and dry

- Inferior and / or unsustainable surface layers, cement slurries, separating layers (e.g. dirt, dust, grease, oil, paint residues etc.) must be removed and / or roughened (e.g. Blastrac process)

Preparation of the surface:

- The surface must first be checked according to DIN and possibly primed with suitable primers

Processing:

- Mix the tile adhesive in a clean container with cold water until it is bulb-free and homogeneous
- A mixer with 600 revolutions / minute is recommended
- Stir briefly and process after a ripening time of approx. 3 minutes
- DIN 18157 applies, execution of ceramic clothing using the thin-bed method
- Only apply as much adhesive as can be inserted or inserted into the fresh adhesive bed within approx. 20 minutes
- Expansion joints must not be bridged with mortar

Storage:

- Protected from the weather, close opened containers immediately
- Store cool and dry, preferably on a wooden shelf
- Low chromate according to regulation 1907/2004 / EG

Durability:

- 12 months from date of production

Disposal:

- Dispose of hardened product residues under waste code 17 09 04 as building rubble

Hints:

- The technical data refer to +20 ° C and 50% relative air humidity (higher temperatures shorten the values, lower ones extend them)
- Do not stir stiffening adhesive with water again
- Protect the setting tile adhesive from sunlight, drafts, frost, driving rain and high temperatures (> +25 ° C)
- In the case of unusually strongly absorbent, new or unusual substrates, test surfaces must be created and the processing guidelines of the respective manufacturer must be observed
- Clean tools etc. immediately with water. Once cured, cleaning is only possible mechanically
- Product contains cement and therefore reacts alkaline when moist
- Keep out of the reach of children
- Do not breath the dust
- Avoid contact with eyes and skin
- In case of contact with eyes, rinse immediately with water and consult a doctor
- wear suitable protective clothing
- If swallowed, rinse mouth immediately with water and seek medical advice, show the packaging or label

When carrying out the work to be carried out, the relevant recommendations and guidelines, standards and regulations as well as applicable information sheets and the generally recognized rules of technology must be observed. We have no influence on different weather, underground and object conditions. Verbal and written application-technical recommendations, which we give to support the buyer or processor, are non-binding and do not constitute a contractual legal relationship or ancillary contractual obligations. With the publication of this technical data sheet, all previous editions lose their validity.

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