

Flexible Adhesive

Polymer-modified, versatile tile adhesive for wall and floor tiles. For outdoor and indoor use. Corresponds to Class C2TE in accordance with DIN EN 12004:2007, S1 in accordance with DIN EN 12002.

Type of use:

The flexible adhesive is used for laying tiles, slabs, small mosaics, facing tiles, lightweight and rigid foam panels, and natural stone such as basalt (but not marble). It is suitable for indoor and outdoor use. The flexible adhesive bonds to concrete, plaster, screed, anhydrite screed, masonry, gypsum construction materials and to lightweight and aerated concrete. It is also suitable for use on problematic subsurfaces that are exposed to small stresses or slight oscillations, such as heating screeds and surfaces on balconies and façades.

Material:

The flexible adhesive is a high-quality, polymer-modified tile adhesive. It is cement-bound, hydraulically hardening and notable for its good workability and long processing time. The flexible adhesive is also resistant to water, weather, heat and frost and it is low chromate.

Processing and application:

Add clean water, with a mixing ratio of approximately 1.1 l per 5-kg sack of flexible adhesive, and mix continuously to produce a lump-free mortar. After allowing the mixture to mature for approximately 5 to 10 minutes, mix again and adjust the consistency as required. Do not mix more mortar than you are able to use within approximately 3 hours.

Apply the adhesive mortar to the subsurface using a suitable notched trowel and comb through evenly to ensure bonding across the entire surface. The area of application in each case must be no larger than the area on which you are able to lay tiles before the adhesive starts to form a skin, since the tiles must always be laid in a paste-like bed of adhesive. In permanently wet areas such as swimming pools, patios, balconies or façades and when fixing lightweight and rigid foam panels, ensure that no voids are formed. To achieve this, you must also spread adhesive on the underside of the tiles or panels (buttering-floating method). When laying on underfloor-heating screeds, the underfloor heating must be switched off at least 1 day in advance of the works and must not be switched on again until the adhesive has completely hardened.

Do not carry out works at air and surface temperatures below +5 °C. Protect the newly bonded surfaces from frost and rain and from drying out too quickly (e.g. avoid draughts and direct sunlight).

Processing and curing times:

The processing/working time at + 20 °C is approximately 3 hours. The tiled surfaces can be walked on after 12 hours. Wall areas can be grouted after 12 hours and floor areas after 24 hours.

Quantity required:

The quantity required depends on the tile format and on the thickness of the adhesive layer (notch size):

Format	Notch size	Quantity required
Tiles	4 x 4 x 4 mm	approximately 1.8 kg/m ²
With textured underside	6 x 6 x 6 mm	approximately 2.5 kg/m ²
As medium-bed mortar	8 x 8 x 8 mm	≥ 4 kg/m ²



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Subsurface:

The flexible adhesive bonds to all solid, load-bearing, dimensionally stable and dust-free surfaces. The surface must be even, absorbent and free of coatings. All dirt, oil, paint and loose material must be removed. Extremely absorbent subsurfaces such as aerated concrete, gypsum planks, gypsum plasterboard, magnesite/anhydrite screeds, and wooden surfaces must be pretreated with bonding emulsion. The tile adhesive can compensate for slight unevenness in the surface.

Storage:

Store appropriately in dry conditions.

Composition: Cement, aggregates, additives

Packaging:

5-kg bag
25-kg sack
30-kg sack (promotional package)

Note:

The technical details are valid at 20 °C and 65 % relative humidity.

Observe the safety instructions on the packaging.

This product contains cement and produces an alkaline reaction when it comes into contact with moisture/water. Therefore ensure that skin and eyes are protected. If it should come into contact with the skin or eyes, rinse them thoroughly with water. See a doctor immediately if it comes into contact with the eyes. See also the information printed on the sack.

The information provided is based on extensive tests and practical experience. It does not apply to every application situation. For this reason we recommend that you carry out a trial if necessary. Subject to technical alterations within the framework of further development. Our general terms and conditions apply.

Further information is available from:
Service Hotline: 0049 (0) 180/3 000 462

BAHAG AG
Postfach 100561
D-68005 Mannheim

BAUHAUS SCHWEIZ AG
Sägetstrasse 5
CH-3123 Belp / Bern

BAHAG AG
Postfach 4000
A-4600 Wels

BAUHAUS ZAGREB k.d.
Škorpi Kora 27
HR-10000 Zagreb