

Tile Adhesive

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Technical data

Basis	(Styrene) Acrylate
Consistency	Paste
Curing system	Physical drying
Density	1,92 g/ml
Total solid content	85 %
Classification according NBN EN 12004	D1T
Shear	< 0,5 mm (EN1308)
Open time (23°C, 55% RV)*	Min. 20 minutes
Drying time (23°C and 50% R.H.)	Ca. 24 h
Shear strength**	≥ 1 N/mm ² (EN1324)
Shear strength after aging**	≥ 1 N/mm ² (EN1324)
Consumption*	Mosaic tiles: about 1000 g / m ² Wall tiles with a smooth back: 1200 g / m ² Wall tiles with profiled backs: 1500 g / m ²
Temperature resistance**	-20°C till +70°C (cured)
Application temperature	5 °C → 30 °C

* These values may vary depending on environmental factors such as temperature, moisture, and type of substrates. ** This information relates to fully cured product.

Product description

Tile Adhesive is a ready to use elastic adhesive paste, according to NBN EN 12004 D1T, for bonding of interior wall and floor tiles.

Properties

- Ready for use paste
- Easy to tool
- Long open time
- Low consumption
- Flexible
- Water resistant
- High initial tack

Applications

- Bonding of all types of ceramic wall and floor tiles as well as stone strips.
- Suitable for bonding all non-working and some working surfaces.
- If the backing of the tile is porous, tile to tile bonding is possible.
- Suitable for the installation of tiles in kitchens and humid surroundings in flats, high rise- and utility constructions.

Packaging

Colour: White

Packaging: 1 kg plastic pot, 5 kg bucket, 17 kg bucket

Shelf life

At least 24 months in unopened packaging in a dry storage place at temperatures between +5°C and +25°C.

Substrates

Substrates: all common porous building substrates, brick, stone, concrete, stucco, wood

Nature: rigid, clean, dry, free of dust and grease.

Surface preparation: On very absorbent surfaces the surface should be treated with a primer.

We recommend a preliminary adhesion test on any substrate.

Application method

Application method: Apply the adhesive with the aid of a notched trowel (3-8 mm, depending on the tile size), at an angle of 60 °,

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to the substrate. Do not apply more adhesive to the substrate than the portion that can be worked up within 20 minutes. Apply the tile with a sliding movement into the adhesive and press firmly.

Cleaning: Before curing, Tile Adhesive can be removed with water from tiles and tools. Cured Tile Adhesive can only be removed mechanically.

Repair: With the same material.

Health- and Safety Recommendations

Take the usual labour hygiene into account. Consult the packaging label for more information.

Dangerous. Respect the precautions for use.

Remarks

- Carry out any corrections within 15 minutes.
- On non-porous substrates leave the adhesive open to the air for max. 10 - 15 min before applying the tiles.
- The curing rate when tile to tile bonding will be slower when large tiles are used with narrow grouting joints. The adhesive may take several days to cure.
- In case of tile on tile adhesion, the drying time also depends on the tile size and joint width, with a minimum of a few days.
- In a very humid environment, the curing can take several days.
- In general, the joints can be washed with a joint filler after 24 hours.
- Before filling the joint, test if the adhesive adheres well.
- Not suitable for outdoor applications.

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