

24A Super Tile Adhesive

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Technical data

Basis	(Styrene) Acrylate
Consistency	Paste
Curing system	Physical drying
Density	Ca. 1.58 g/cm ³
Temperature resistance	-20°C till +70°C (cured)
Classification according NBN EN 12004	D1
Shear	< 0,5 mm (EN1308)
Open time	Min. 20 minutes
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
Application temperature	5 °C → 30 °C
Drying time (20°C and 60% R.H.)	Ca. 24 hrs
Total solid content	85 %

(*) these values may vary depending on environmental factors such as temperature, moisture, and type of substrates.

Product description

24A Super 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

- paste ready for use
- 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: grey

Packaging: 1 kg plastic pot, 5 kg bucket, 15 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 usual porous building substrates, brick, stone, concrete, stucco, wood

Nature: 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.

Remark: This technical data sheet replaces all previous versions. The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. Since the design, the quality of the substrate and processing conditions are beyond our control, no liability under this publication is accepted. In every case it is recommended to carry out preliminary experiments. Soudal reserves the right to modify products without prior notice.

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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 °, 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, 24A Super Tile Adhesive can be removed with water from tiles and tools. Cured 24A Super 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.

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.

Environmental clauses

Leed regulation:

24A Super Tile Adhesive conforms to the requirements of LEED. Low –Emitting Materials: Adhesives and Sealants. SCAQMD rule 1168. Complies with USGBC LEED® 2009 Credit 4.1: Low-Emitting Materials – Adhesives & Sealants concerning the VOC-content. VOS-level < 50 g/L

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