

toflex[®]



TECHNICAL DATA SHEET

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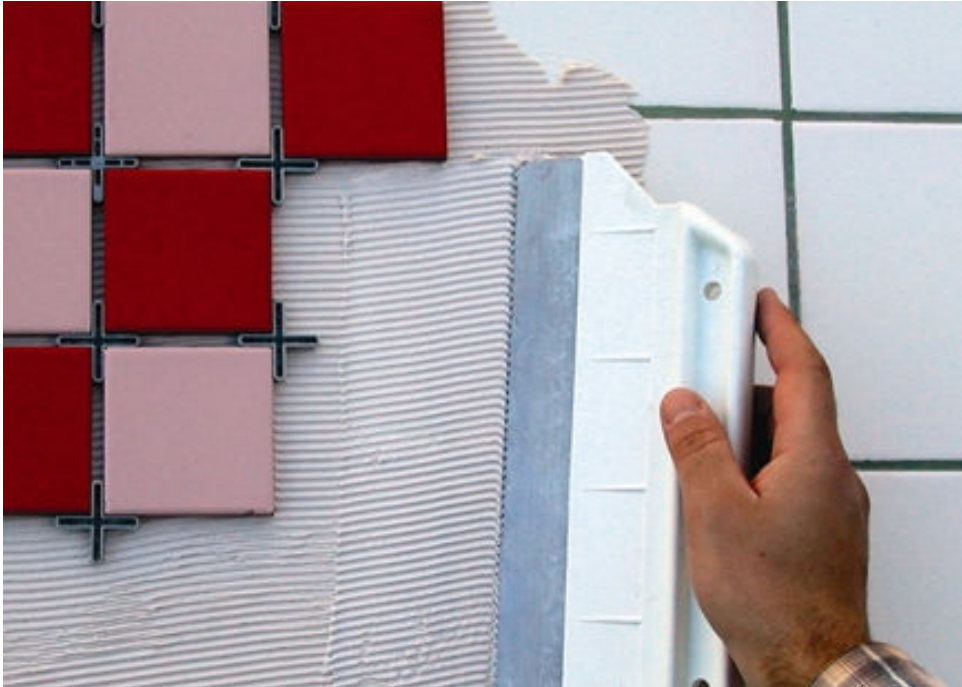
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toflex

bonding and grouting

adhesive paste for tiles



use

For the application of small and medium format ($\leq 30 \times 30 \text{cm}$) ceramic tiles with and without absorption. Can be used with: tiles, porcelain stoneware, stoneware, on indoor walls and new or old surfaces.

Bonding of stone (marble, granite) to indoor walls on new surfaces.

Ready to use.

surface

- Render;
- Old ceramics;
- Plasterboard;
- Old painted surfaces (still in good condition and resistant);
- Wood;
- Aerated concrete;
- Plaster.



CE marking

D2
European standards
NP EN 12004



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recommendations

Do not apply Toflex at temperatures (less than +5°C), to hot surfaces (temperatures higher than +30°C), to outdoor paving in very humid environments (swimming pools, industrial kitchens, etc.)

If you require Toflex to be thicker, a small amount of Portland cement may be added.

Joints must always be left between ceramic tiles.

With large areas, intermediate joints must always be included.

Double bonding is recommended for large format items.

Wash tools with water.

When applying ceramics with low absorption to non-absorbent surfaces, the drying process for Toflex is relatively slow.

composition and characteristics

Composition:

Copolymeric resin in an aqueous dispersion, silica compounds and specific additives.

Characteristics:

Open time: 30 minutes.

Grouting time: 48 hours.

Initial shear adhesion strength: 1.0 N/mm².

Shear adhesion strength after heat ageing: ≥ 1.0 N/mm²

Adhesion at elevated temperature: ≥ 1.0 N/mm²

Adhesion strength after water immersion: ≥ 0.5 N/mm²

Note: These results were obtained in our laboratory according to the specifications of the standard NP EN 12004, under standard conditions may vary with the reduction or increase of temperature and the type of support.

colour

White

consumption

In fine layers (1,5 mm): approximately 2 kg/m².

In thick layers (4 mm): approximately 5 kg/m².

available in

Bucket 8 and 25 Kg.

Pallets with 27 buckets of 25 Kg.

storage

6 months from date of manufacture in unopened package stored away from heat and in a damp free environment.



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preparation of surface

Surfaces must be clean, dry, flat and solid (scrape, polish or wash if necessary).



application

Mix Toflex adhesive paste until a lump free consistency is achieved and which is easy to apply.



Smooth with a toothed trowel suitable for the thickness required (maximum tooth size 6 x 6mm). Apply the paste in small areas.



Fit and press pieces tapping well to ensure levelling and good transference of the adhesive.



note

Do not apply Toflex:

- in floor;
- outside;
- very wet places (swimming pools, industrial kitchens, ...)

In the application of ceramic with low absorption or non-absorbent substrates is very slow drying. In this case it is preferable to use Topcola Flex Record.