

COSTARPOXY 40

Epoxy Tile Adhesive and Tile Grout

Description

Costarpoxy 40 is an easy to use, three component epoxy compound which can be used for both adhesive applications and grouting.

Advantages

- Polymer/resin modified,
- Extra added flexibility,
- Minimized slip after application,
- Strong adherence

Areas of Use

Costarpoxy 40 is used for fixing tiles and grouting joints between tiles

- Suitable for walls and floors
- Suitable for interior and exterior use
- Suitable for intermittently wet and dry conditions
- Used in kitchens, Swimming pools, bathrooms and shower stalls
- In tiling and grouting of areas such as balconies, terraces and exterior facades of buildings which are exposed to weather conditions.

Appearance

Grey/White Powder

Application

■ Surface Preparation

Surface must be cleaned from a loose particles, dust, grease, oil, scale and rust. The curvatures/slopes on horizontal and vertical surfaces should be leveled with a bedding/Costar Repair Mortar

■ Product Preparation

Pour components B onto component A, and stir with a low speed electrical stirrer until the mixture becomes homogenous. Pour the component C, onto the mixture of components A and B which is already prepared in the pail completely without leaving any residuals. Mix with a low speed mixer to obtain a homogenous mixture. Spread the material by a notched trowel appropriate to the dimension. To obtain a good adhesion first apply a thin coat with the flat side of the trowel, then notch with the toothed side. Install the tiles with a firm pressure. Apply the material within its pot life which is 120 minutes. Dispose the material of which pot life is expired.

■ Placing the tiles

For floor tiles up to 30 x 30 cm's in size, a 10mm trowel should be used. For larger floor tiles, 12 mm trowel should be preferred. For wall tiles up to 20 x 25 cm's in size, a 6mm trowel should be used. For larger wall tiles, 8 to 10 mm trowel should be preferred. To ensure no voids occur and full coverage of adhesive is achieved, tile should be pressed into adhesive giving twisting and front and back sliding motion.

In order to compensate for uneven surfaces or tiles with uneven thickness, in addition to applying adhesive on substrate, the rear of the tiles should also be applied with Costarpoxy 40. The adhesive bed thickness should be at least 2 to 3 mm.

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Technical Information

■ Grouting

Apply grout paste to tiled surfaces working it well into the joints using a rubber tillers squeegee or a sponge- faced wood float. Allow grout to dry and harden for one to two hours and wipe surface of tiles with a damp sponge. Finish off by wiping along joint with a damp cloth. Polish tiles the following day using

Appearance:	Grey/Off-White
Thickness:	1-5mm
Application Life:	40-50mins
Density:	1.85

Packaging

- Component A: 2.42 kg
- Component B: 0.26 kg
- Component C: 2.32 kg

Applicable Standard

- TS EN 13888 Class RG
- TS EN 12004 Class R2T
- RG: Reaction Resin Grout
- R2: Reaction Resin Improved Adhesive

Attention

- Do not mix the product with water or solvents.
- Additional water should not be added to the mix after the mixing process is completed.
- Application thickness should not exceed 3-10mm
- Ready to use mortar should be applied within an hour
- Do not use for grouting porous stones and ceramics. Epoxy resin may affect the color.
- Fixing of the tiles should be finished in 20 minutes following the application of the mortar onto the surface
- Remaining product should be kept closed and airtight in its original packaging
- Joint Filling applications should not start before 24hours for vertical joints ad 48 hours for horizontal joints
- Tools must be cleaned with water before residues fully cure
- Remove excess product from tile surface rapidly because once hardened it will have to be removed mechanically.
- When the products are exposed to UV rays colors may darken.

Storage

12 months when kept in a dry and closed area stacked in loads of maximum 5 bags, away from freezing temperatures.

Health and Safety

- In case of contact with skin and eyes, wash with plenty of water.
- Protective mask should be worn during the preparation of the product.

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Limited Warranty

All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty either expressed or implied. User shall rely on his or her own information and tests to determine suitability of the product for the intended use and user assumes all risk and liability resulting from his or her use of the product. Nothing contained in any supplied materials relieves the user of the obligation to read and follow the warnings and instruction for each product as set forth in the current Technical Data Sheet, product label and Safety Data Sheet prior to product use away.

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