

COSTARPOXY SP-100

Epoxy Tile Adhesive and Tile Grout



PRODUCT DESCRIPTION

Costarpoxy SP 100 is an easy to use, three component epoxy compound which can be used for both adhesive applications and grouting.

FEATURES

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

ADVANTAGES

Costarpoxy SP 100 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.

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 a so be applied with Costarpoxy SP 100. The adhesive bed thickness should be at least 2 to 3 mm.

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 Powder





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TECHNICAL INFORMATION

Appearance: Grey/Off-White

Thickness: 1-5mm

Application Life: 40-50mins

Density: 1.85

Packaging: Component A: 2.42 kg, Component B: 0.26kg, Component C: 2.32kg

STANDARD

TS EN 13888 Class RG

TS EN 12004 Class R2T

RG: Reaction Resin Grout

R2: Reaction Resin Improved Adhesive

STORAGE AND SELF LIFE

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

HEALTH & SAFETY

- Please ensure that hand gloves and goggles are worn during installation
- Apply in ventilated areas, away from flames
- It is only important that during application and after application, standard safety procedures are done.
- Please consult current MSDS for product.
- *For Professional Use only.*

LEGAL NOTE

The information and recommendations relating to the application of Costarchem products, are given in good faith based on current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with the stated recommendations in the product datasheets. Whilst Costarchem endeavors to ensure that any advice, recommendation, specification of information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation of information given by it. The user of the product must test the product's suitability for the intended application and purpose. Costarchem reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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

ADDITIONAL INFORMATION

Costarchem manufactures a complete range of construction chemical products which include:

- Concrete admixtures
- Waterproofing system
- Flooring system
- Cementitious and epoxy precision grouts
- Damp-proofing products
- Sealants and adhesives
- Repair and refurbishment systems

For more information on any of our products, please contact Costarchem global or regional office.

