



EZEE TILE

EPOXY GROUT

TECHNICAL DATA SHEET

PURPOSE

EZEE TILE EPOXY GROUT® is a water cleanable epoxy compound designed for grouting applications that require good mechanical resistance and/or good chemical resistance. This product is recommended for flooring and walling applications where the surface is going to be subjected to harsh cleaning chemicals (e.g. acids and bleaches). EZEE TILE EPOXY GROUT® is suitable for both wall and floor as well as interior and exterior applications and for the grouting of tiles in intermittently wet areas as well as in underwater conditions i.e. swimming pools and showers.

MIXING INSTRUCTIONS

1. Empty part A and part B into the bucket supplied and mix thoroughly.
2. Add the sand component and blend to the desired consistency. Mix by hand or drill.
3. Use within 45 minutes.
4. Do not mix part portions.

SURFACE PREPARATION

(These recommendations are in accordance with the SABS standard SANS 10107:2011 - The design and installation of ceramic tiles.)

1. The tile adhesive should be completely set before grouting can take place.
2. Ensure that joints to be grouted are sound (no cracks or crumbling), clean, free of dust and contaminants.
3. Ensure that the joints are free of excess tile adhesive.
4. Tiles with absorbent surfaces (e.g. unglazed tiles, natural stone etc.) should be sealed with a suitable product prior to grouting to prevent staining.

*This guideline only serves as a basic manual for the surface preparation, product selection and installation procedure for this type of application. Each installation needs to be assessed on merits and the products used and the procedures followed should be in accordance with the SABS code for the design and installation of ceramic tiles (SABS 10107:2011).



APPLICATION

1. The epoxy chemical reaction is highly dependent upon the ambient temperature. High temperatures will significantly speed up the reaction and reduce the pot life. Do not work with the product if the ambient temperature is lower than 10°C or higher than 30°C.
2. Apply EZEE TILE EPOXY GROUT® liberally to the surface and work into the joints with a grout squeegee taking care to completely fill the joint.
3. Remove excess grout and level the surface by moving the grout squeegee diagonally across the joints while the mix is still fresh.
4. Within 20 mins, remove the excess grout residue from the tiles with a damp (but not wet) sponge. Rinse the sponge frequently to achieve the best results.
5. Do not allow the epoxy grout to fully cure before cleaning. Difficult to clean deposits can be removed with lacquer thinners.

COVERAGE

Since the coverage of this product is dependent upon the dimensions of the joints, the amount of grout required can be accurately determined by the following formula:-

$$\text{Kg of grout per Square meter} = \frac{(A + B) \times C \times D \times 1.6}{(A \times B)}$$

Where

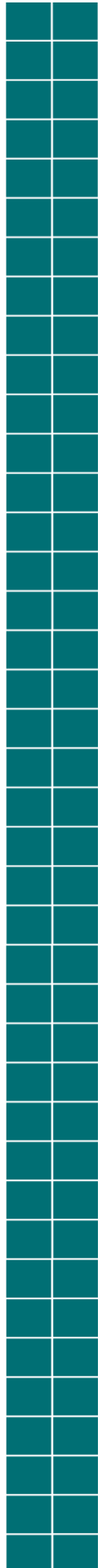
A = length of the tile in mm

B = width of the tile in mm

C = thickness of the tile in mm

D = average width of the joint in mm

As a guide, on average a 5 Kg bag of grout will grout an area of 8 - 10 m²



TECHNICAL DATA

Application temperature	10 - 30°C
Set to foot traffic	± 24 hours at 25°C and 50% humidity
Pot life	± 45 mins at 25°C and 50% humidity
Temperature Resistant	Up to 90°C
Moisture resistance	Excellent
Chemical resistance	Excellent
Resistance to solvents	Very Good
Compressive strength	>50 MPA
Storage	Store dry
Shelf life	9 months in dry moderate conditions
Packaging	5 kg

PRECAUTIONS

1. Ensure that the above instructions are adhered to at all times and do not adulterate the product in any way as this could result in failure.
2. Rubber gloves should be used when applying EZEE TILE EPOXY GROUT[®]. In the event of irritation, rinse skin under cold water. Consult a doctor if irritation persists.
3. Keep EZEE TILE EPOXY GROUT[®] away from pets and children.
4. Do not ingest and do not empty surplus grout down drains.

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