

MAXTITE[®] GROUT EP

Water Miscible Epoxy Resin Based Pigmented Tile Joint Filler



Maxtite[®] Grout EP is a 3 component water miscible epoxy resin tile joint filler based on new generation epoxy resin technology supplied in pre-weighed packs, ready for onsite mixing and use.

Uses

To provide a hard wearing, easily cleaned, attractive tile grout where chemical resistance is required.

Benefits

- Resistant to mild chemicals and acids
- Solvent-free- can be used in confined areas
- Good resistance to abrasion and impact resistance
- Attractive appearance, can be easily cleaned
- Available in a range of attractive colours
- Resists bacterial growth
- Hygienic- Good to use in laboratories, hospitals and health centers
- Good to use in wet area, fountains, swimming pool, kitchen, bathroom and sauna
- Water-miscible- Safe in use, no odour

Technical Support

Thermax offers a comprehensive range of high performance, high quality repair, maintenance and construction products. In addition, Thermax offers a technical support package to specifiers, end-users and contractors, as well as on-site technical assistance in locations all over the world.

Properties

Mix Density	1.70-1.90 gm/cc	
Pot Life @ 27°C	30 - 35 min	
Foot Traffic	24 hrs	
Full Cure	21 days	
Compressive Strength	1 day	15N/mm ²
	3 days	24 N/mm ²
	7 days	28 N/mm ²

Chemical Resistance

The product is resistant against the following-

- Water, Sea water
- Alkali Solutions
- Aqueous solutions of salts- Soft drinks
- Fruit juices
- Carbonated beverages
- Motor oils and lubricants
- Cosmetics and toiletries.
- Pharmaceutical products
- Dairy products
- Edible oils
- Medicated oils etc.

Instructions for Use

Preparation

Joints to be grouted should be clean and free from any dust or debris.

Mixing

The base and hardener components should be mixed in a suitable container until a uniform colour is obtained. The filler component should then be added to the mixed liquid and blended using a slow speed drill and suitable mixing paddle until a uniform, homogeneous mixture is obtained.

Application

Apply Maxtite[®] Grout EP with a spatula to the spaces between the tiles working the mixture into the joints and around the edges.

Remove surplus material from the face of the tiles with a damp cloth, before material has gelled. Hardened material can only be removed mechanically.

Cleaning

Maxtite[®] Grout EP should be removed from tools, equipment with water immediately after use. Cured material can only be removed mechanically.

MAXTITE® GROUT EP

Limitations

Maxtite® Grout EP should not be used when the temperature is below 5°C and falling. The product should not be exposed to moving water during application. If any doubts arise concerning temperature or substrate conditions, consult your local Thermax office.

Health and Safety Instructions

Maxtite® Grout EP is resistant to a comprehensive range of chemicals commonly encountered in industrial applications, few of them are listed below:

Maxtite® Grout EP is epoxy resin based. Direct contact with eyes will cause irritation and may cause serious damage if left untreated. Any eye contamination should be washed immediately with clean water and immediate medical attention sought.

Gloves and barrier cream should be used at all times when handling Maxtite® Grout EP. If contact with the skin occurs a resin removing cream should be used followed by washing with soap and water.

Storage

Shelf life

Maxtite® Grout EP has a shelf life of 12 months if kept in a dry store in the original, unopened bags or packs.

Storage conditions

Store in dry conditions in the original, unopened bags or packs. If stored at high temperature and / or high humidity conditions the shelf life may be reduced to 4 to 6 months.

Packing

Supply

Maxtite® Grout EP : 2.5 litre pack

Yield

Maxtite® Grout EP : 80 RM for 3 x 10mm joint

Guide to Sealant Quantities

Number of litres required = Joint width (mm) x sealant depth (mm) x joint length(m)
1000

Other Segments:

- Concrete Admixtures • Surface Treatments • Grouts & Anchors • Repair & Rehabilitation
- Protective Coatings • Industrial Flooring • Waterproofing • Sealants • Adhesives

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