

MIXGROUT EG

Three component Epoxy resin based grouting system



the construction chemist...

Introduction

Mixgrout EG is a three component epoxy resin based grouting system for ceramic tiles in hygienic and heavy duty conditions

Appropriation

Mixgrout EG is used for grouting in areas where high degrees of chemical resistance, high hygienic and mechanical properties are required

Mixgrout EG is suitable for tile grouting in...

Industrial and commercial kitchens

Swimming pools

Heavy duty areas

Food processing areas like:

Meat, fish, vegetables and fruit processing, canning areas, dairies, Bakeries and bottling plants

Characteristics

Very good resistance to wide range of chemicals and acids

Resistant to staining and absorption when permanently immersed in water

Can be used for areas require high degree of hygiene

Easy to clean- water cleaning - and will not support bacterial growth in kitchen, swimming pools etc.

Non tainting and non toxic, can be used in areas where drink and food stuffs are processed

Product Management

Application procedure: To the prepared joints apply the mix and fill the joints thoroughly. The grout is then trimmed off and grouted joints are finished with a suitable spatula. Following the grouting operation use sponge or cloth to clean off the excessive material. This should be done within 15 minutes and care should be taken not to use excess solvent to come into contact with the wet grout. Excess material must be removed from the face of tile before it sets

Mixing: Mixgrout EG is of heavy consistency and should be mechanically mixed. Pour the reactor (Part B) into the base (Part A) and mix thoroughly by using a slow speed electric drill with a paddle attachment. Mix for approx. 2 minutes or until a uniform consistency and colour is obtained. Then slowly add the filler (Part C) into mixed resin and mix thoroughly until a lump free uniform consistency is achieved. Ensure that mix quantity is used within the pot life of product

Joint preparation: The grouting can be started after 24 hours from tile fixing. Clean the joints thoroughly and remove any loose materials of tile adhesive and dust and make sure the joints are dry.

Cleaning: Clean the tools with hydrocarbon solvents after use.

Technical Data & Properties

Pot life	45 minutes at 20°C 30 minutes at 30°C
Compressive strength	75N/mm ²
Tensile strength	15N/mm ²
Colour	Grey & White (other colour on request)



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Packing & Storage

Mixgrout EG is available in 5 kg unit & 10 kg unit. Mixgrout EG should be stored in cool, dry and shaded warehouses. Shelf life is 12 months when stored under cover, out of direct sunlight, protected from extreme temperatures and as per recommendations.

In extreme tropical climate, the product must be stored in cooled ambience. Excessive humidity and over exposure to UV will result in the reduction of shelf life.

Health & Safety

Mixgrout EG contains no hazardous substances. As with all construction chemical products, caution should always be exercised. Protective clothing such as gloves and goggles shall be worn whilst handling. Wearing long sleeve overall, safety shoes and face mask is recommended for maximum safety. Reseal all containers after use and ensure product is stored as instructed on the safety section of the labeling. Treat any contact to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately. For more details, please refer to the MSDS released on each PyChem product

Technical information given in this data sheet is true and exact to the best of our knowledge, laboratory upshot and hand-on application. The data sheets of all products are revised/updated regularly and hence ensure that the latest release is used for reference and recommendation. The date of publishing is as in this sheet. All data are mean of numerous tests, assessment and analysis conducted under laboratory ambience. Climatic disparity in temperature, humidity and porosity of substrate may impinge on values



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