

MIXTILE MTA E70

High performance epoxy adhesive for tiles in Heavy duty conditions

Mixtile MTA E70 is a three component epoxy resin based adhesive / grout system for ceramic tiles in hygienic and heavy duty conditions

Appropriation

Mixtile MTA E70 is used for bedding / grouting in areas where high degrees of chemical resistance, high hygienic and mechanical properties are required

Mixtile MTA E70 is suitable for tile fixing / 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, horizontal, vertical interior and exterior

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

Technical Data & Properties

Pot life: 45 minutes at 20⁰c

30 minutes at 30⁰c

Compressive strength: 75N/mm² (BS 6319 part 2)

Flexural strength: 25 N/mm² (BS 6319 part 3)

Tensile strength: 15N/mm² (BS 6319 part 7)

Colour: Grey & White (other colour on request)

Density: 1780kg/m³

Product Management

Bedding: To the prepared surface apply a solid bed of adhesive to a minimum thickness of 3mm. Ensure that the size of the working area can be tiles within the pot life of the Mixtile MTA70. On vertical applications the adhesive must be applied with a notched trowel to leave ribbed bedding.

Grouting: 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: Mixtile MTA E70 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



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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.

Coverage:

Bedding: 5mm: 5ltr/m²

Grouting: 3mm@0.8ltr/ m²

6mm@1.7ltr/ m²

Cleaning: Clean the tools with hydrocarbon solvents after use

Packing & Storage

Mixtile MTA E70 is available in 5 kg unit & 10 kg unit. Mixtile MTA E70 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

Mixtile MTA E70 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 FAB product

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THE CONSTRUCTION CHEMIST

Technical information given in this datasheet is true and exact to the best of our knowledge, laboratory upshot and hands-on application. The datasheets of all products are revised/updated regularly and hence ensure that the latest release is used for reference and recommendation. The date of the 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, etc. and porosity of substrate may impinge on the values.

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