

MIXTILE MTA50

Latex modified two-part tile adhesive

Mixtile MTA50 is specially formulated latex based tile adhesive suitable for fixing ceramic tiles and natural stones in interior, exterior and submerged conditions. It is a two-component system consists of powder and liquid

Appropriation

Mixtile MTA50 is suitable for fixing ceramic tiles in:

- Water tanks
- Bridge decks
- Swimming pools
- Over bridges
- Subway and underground parking areas

Characteristics

- Excellent waterproofing features
- Can with stand internal and external pressure
- Weather and frost resistant
- Chemical resistance
- Safe, nonflammable and non hazardous
- Pre-packed, only mixing at site
- Can be used in areas subjected to vibrations
- High bonding strength

Technical Data & Properties

Standard Conforms: BS 5980 type III class AA, DIN 18156 tell 3, UEA te 1982 (classic)

Color:

Part 1: Grey and white

Part 2: High viscosity white liquid

Tensile strength: 6.5N/mm²

Shear strength: 6N/mm²

Flexibility: 30% for 1.8mm thick film

Drying time: Approx. 24 hours after application

Pot life: Approx 2 hour

Chemical resistance: Excellent to alkalis, diluted acids, milk, sewage effluent, mineral oils etc

Water vapour permeability: Reduced by 96%

Product Management

Surface preparation: All surfaces should be structurally sound, clean and free of dirt, oil, grease, concrete, sealers, mould release oils or curing compounds. Loose plaster, paint and other debris must be removed; concrete or masonry substrate should be dampened with water prior to the application of tile adhesive

Application procedure: Mix the powder with liquid well to get a paste like consistency, which can be applied, with a suitable notched trowel. Wait for a few minutes, and then fix the tiles. The consumption of tile adhesive mainly depends on the surface and design of the back of the tiles

Composition: Mixtile MTA50 is a two-component system

Part 1: Powder - A mixture of cement, filler and adhesive

Part 2: Liquid - A mixture of binders and admixtures

A paste form will obtain when the two components mixing



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Coverage: Exterior: 2kg/m² and Interior: 1.5kg/m²

For large tiles, it is better to apply the adhesive on the surface and back of the tiles.

Waterproof application: Mix the two parts to obtain a creamy paste. Apply the paste with brush porous areas must be moistened if exposed to high temperature. Apply a first coat with the Mixtile MTA50 approximately 750gm / m² on the entire area to be made waterproof. Wait till the coat is dry; apply another coat following the same way, then fix the tiles as discussed earlier.

Coverage: Waterproofing: 1 to 1.5kg/m²

Tile fixing: 1.5 to 2kg/m²

Packing & Storage

Mixtile MTA50 is available as follows:

Powder: 20kgs and liquid: 5kg (25 kgs unit)

For site installations or mass consumptions, deliveries shall be made in bulk custom-designed containers. Mixtile MTA50 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 MTA50 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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