

MIXTILE LM

Latex modified two-part tile adhesive

TECHNICAL DATA SHEET

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.

Introduction

Mixtile LM 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 LM is suitable for fixing ceramic tiles in:

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

Product Management

Surface Preparations:

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 LM is a two-component system

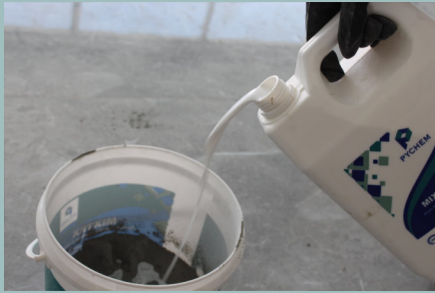
Part A: Powder - A mixture of cement, filler and adhesive

Part B : Liquid - A mixture of binders and admixtures
A paste form will obtain when the two components are mixed.

Coverage: 3.5kg/m² for 2mm thick bed

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 LM 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 LM is available as follows:

Powder: 20kg and liquid: 5kg (25 kg kit)

For site installations or mass consumptions, deliveries shall be made in bulk customdesigned containers. Mixtile LM 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 LM 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. Formore details, please refer to the MSDSreleased 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 sheet 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, assessments and analysis conducted under laboratory ambience. Climatic disparity in temperature, humidity and porosity of substrate may impinge on value.





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Technical Data and Properties

Standard Conforms	BS 5980 type III class AA, DIN 18156 tell 3, UEA te 1982 (classic)
Color	Part A: Grey and white Part B: Milk white liquid
Tensile strength	6.5N/mm ²
Shear strength	6N/mm ²
Drying time	Approx. 24 hours after application
Pot life	Approx 1 hour



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