



TILEMATE EPX

High performance epoxy adhesive for tiles in Heavy duty conditions

OVERVIEW

TILEMATE EPX is a two-component epoxy resin-based adhesive/grout system for ceramic tiles in hygienic and heavy-duty conditions.

APPROPRIATION

- TILEMATE EPX is used for bedding/grouting in areas where high degrees of chemical resistance, high hygienic and mechanical properties are required.
- TILEMATE EPX is suitable for tile fixing/grouting in:
 - Industrial and commercial kitchens
 - Fixing of Marble, Granite
 - 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 a wide range of chemicals and acids
- Resistant to staining and absorption when permanently immersed in water
- Can be used for areas that require a high degree of hygiene, horizontal, vertical interior, and exterior
- Easy to clean- water cleaning - and will not support bacterial growth in the kitchen, swimming pools, etc.
- No tainting and nontoxic, can be used in areas where drink and foodstuffs are processed.

PRODUCT MANAGEMENT

BEDDING:

To the prepared surface apply a solid bed of adhesive to a minimum thickness of 2mm. Ensure that the size of the working area can be tiled within the pot life of the TILEMATE EPX. The adhesive must be applied with a notched trowel to leave ribbed bedding.

If the adhesive is used for bonding special tile shapes such as Tonelli, also filled the gaps on the back of the piece with the TILEMATE EPX mix before laying. Press the pieces to be bonded by pressing them together to guarantee good buttering. Once set, the bond will be very tough.

MIXING:

TILEMATE EPX 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 color is obtained. For white color mix at least for 5 minutes to ensure the homogenous mixing of both the components. Ensure that the mixed quantity is used within the pot life of the 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.

COVERAGE:

Consumption is 1.78 kg/m²/mm

COVERAGE:

Tools should be cleaned with water after use.

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PACKING & STORAGE:

TILEMATE EPX is available in 3 kg units. TILEMATE EPX 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 an extreme tropical climate, the product must be stored in a cooled ambience. Excessive humidity and over-exposure to UV will result in the reduction of shelf life.

HEALTH & SAFETY

TILEMATE EPX 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 a face mask is recommended for maximum safety. Reseal all containers after use and ensure the 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 GRIPMIX product.



TECHNICAL DATA AND PROPERTIES

Product	TILEMATE EPX
Pot life	45 minutes at 200c 30 minutes at 300c
Compressive	75 N/mm ² (BS 6319 part 2)
Flexural strength	25 N/mm ² (BS 6319 part 3)
Tensile strength	15N/mm ² (BS 6319 part 7)
Color	Grey and White
Density	1780kg/m3