

AIMTILE EP

High performance two component epoxy resin based adhesive / grout system

DESCRIPTION

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

USES

Used for bedding / grouting in areas where high degrees of chemical resistance, high hygienic and mechanical properties are required

Application Areas:
Industrial and commercial kitchens
Fixing of Marble, Granite
Swimming pools
Heavy duty areas
Food processing areas

ADVANTAGES

- ▶ 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

APPLICATION

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 tiles within the pot life of the AIMTILE EP. 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 torelli, also filled the gaps o the back of the piece with the AIMTILE EP mix before laying. Press the pieces to be bonded be pressing them together to guarantee good buttering. Once set, the bond will be very tough.

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: AIMTILE EP 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. For white colour mix at least for 5 minutes to ensure the homogenous mixing of both the components. 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.

COVERAGE AND CLEANING

Coverage: Consumption is 1.78 kg/m²/mm

Cleaning: Clean the tools with hydrocarbon solvents after use

AIMTILE EP

PACKING AND STORAGE

AIMTILE EP is available in 3 kg unit. AIMTILE EP 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.

SAFETY

AIMTILE EP is formulated without any hazardous substances. However, as with all construction chemical products, it is important to exercise caution. When handling AIMTILE EP, it is recommended to wear protective clothing such as gloves and goggles. For maximum safety, wearing a long sleeve overall, safety shoes, and a face mask is also advised. After each use, reseal the containers and store the product according to the safety instructions on the label. In case of contact with the skin or eyes, immediately rinse with fresh water. If any of the product is accidentally swallowed, do not induce vomiting, but seek immediate medical assistance. For more detailed information, please consult the Material Safety Data Sheet (MSDS) provided.

TECHNICAL SPECIFICATIONS

Pot life	45 mins at 20C and 30 mins at 30C
Compressive strength	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)
Colour	Grey & White (other colour on request)
Density	1780kg/m ³

The information given in this datasheet is based on both current development work and many years of field experience. Whilst every effort is made to ensure that the information is reliable, we cannot accept responsibility for any work carried out with our materials as we have no control over methods of application, site, conditions, etc.



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