



Floor & Wall Tile Adhesive With High Elasticity

E-Mix tile adhesive is a high latex modified powdered adhesive composed of cement, sand and special additives formulated in a way to obtain excellent characteristics of workability and adhesion, along with high elasticity. It is specially formulated to lay large ceramic, vitrified, granite, marble, composite materials to be applied for floor & wall tiles. The high workability of the adhesive allows the back side of the tile to be completely in contact with the wall. E-Mix tile adhesive does not contain any material considered harmful for health of the applicator.

Uses

E-MIX tile adhesive is used for interior and exterior fixing of any type of ceramic / vitrified tiles, natural stone, etc. It can be applied with a thickness from 3 to 12 mm. Due to its high adhesion and flexibility, E-MIX tile adhesive is the perfect solution for fixing large size floor tiles, laid on supports with high pedestrian traffic.

Instruction Manual

All substrates must be plain, solid, sound, compact, and free from dust, grease substances and inconsistent parts. Concrete supports should have been allowed to cure sufficiently. All shrinkage movements should take place before fixing tiles. In case of application on porous substrates, it will be necessary first to treat the substrate with a coat of PRIMER. Before applying E-MIX tile adhesive, moisten the surface with clean water to reduce the absorption of water from the mortar.

Mixing & Application

E-MIX tile adhesive should be mixed with clean water (about 7-8 Lt. per a bag of 25kg). Mix it carefully with a mechanical / electrical mixer until obtaining a homogeneous mixture free from lumps, remix briefly before application. Apply E-MIX tile adhesive with a toothed trowel, spreading the first pass with its smooth part and then a second pass with the toothed part. Place the tiles onto the adhesive bed. Apply sufficient pressure on the tile during fixing with slight twisting movement in order to ensure good contact with the mortar. Apply enough material that can be tiled during the adhesive's open wet time. Spreading large areas may result in drying the adhesive before tiles can be fixed causing poor adhesion. Remove excess adhesive with a damp cloth before it dries. Joints grouting between tiles may be commenced after 24 hours. In case of large size tiles, it is necessary to spread the adhesive also to the backside of the tile.

Technical Specifications

Apperance Powder	Colour Grey	Density 1.65 Kg. / Lt.	Flexibility Excellent	Shelf Life 6 Months
Final Hardening 14 Days	Water Resistance Excellent	Ageing Resistance Excellent	Joints Execution After 24 Hours	Tensile Adhesion 1.0 N / Mm ²
Coverage 1.6 Kg. / m ² per 1 mm	Trafficable After 24 Hours	Pot Life 2-3 Hours	Adjustable Time 20 min	Open Time 30 min.
Water Demand 7- 8 Litre	Packaging Supplied In PP Bags Of 25 Kg.		Standard Compliance As Per IS: 15477-2004	Compressive Strength 12 N / Mm ²

Storage

The product is packed in 25 Kg. PP bags. If kept in a dry covered place and into the original well closed packaging, the product will have a shelf life of 6 months.

Health & Safety

E-MIX tile adhesive is a cement -based product. However, it is recommended that appropriate safety equipment be worn by workers handling this product. Include dust masks, rubber gloves, full eye protection and boots where necessary. In case contact with eyes wash with plenty of water. If irritation persists, seek immediate medical attention. Provide adequate ventilation and avoid inhalation of dust. For further information, refer to the material safety data sheet.

Notes

- Porosity of tiles and substrates has significant effect on adhesive strength of tiles. For recommending the proper method application and type of adhesive consult our Technical Department before start fixing the tiles.
- Do not apply E-MIX tile adhesive in rainy weather, high winds and sand storms.
- Do not apply on surface that has temperature less than 5 °C.
- During summer season, working area should be covered to prevent the direct sun effects. Keep equipment cool and use cool water.
- The product should not be exposed to moving water during application.



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