

DESCRIPTION

EPO FIX C is a ready to use single component product, only addition of water needed to produce a cohesive, sticky adhesive, thick tile and ceramic fixing mortar. **EPO FIX C** powder is a blend of grey cement, selected sand, water retention agents and specially selected chemicals to enhance workability and application ease.

USES

EPO FIX C is specially designed for floor applications.

EPO FIX C is recommended for following applications:

- Fixing ceramic tiles on floors.
- Bonding quarry tiles direct on concrete or sand cement renderings
- Suitable for the application of interior and exterior areas

ADVANTAGES

- **Easy to use:** mixed material is easily trowel applied and stickiness in the wet stage affords easy fixation of tiles.
- **Constant quality:** factory quality controlled pre-packed material.
- **Adhesion:** Good adhesion in the wet stage during application and in the fully cured stage.

PRODUCT DATA

Form	Powder
Color	Grey
Packing	20 Kg Kraft Bag
Mixing Ratio	3.0±0.2 Kg Water for 20Kg Powder
Shelf life	12 months, indoor, Dry conditions
Coverage	1.6 Kg/m ² for 1mm thickness
Layer Thickness	Minimum: 6mm Maximum: 40mm

TECHNICAL SPECIFICATION

Test Name	Standard	Average Result
Density	ASTM D1875	1.70±0.1 Kg/Ltr
Pot Life @25°C	--	60 ± 20 minutes
Adjusting Tiles After Fixing(25°C)	--	7-10 min
Open Time @25°C	--	15 ± 5 minutes
Resistance to Mould growth	BS 5980	Resistant
Tensile Adhesion Strength	BS EN 12004	≥ 0.5 N/mm ² ≥ 0.5 N/mm ² ≥ 0.5 N/mm ²
Condition A		
Condition B		
Condition C		

LIMITATIONS

EPO FIX C is not suitable for tile installation on metal sheet, metal surfaces and installation over gypsum panels. In such cases, consult with Epo Gulf Technical Department.

SURFACE PREPARAION

Ensure the background on which tiles are to be fixed is dry, sound and free from any contamination. Tile should be fixed dry and not soaked with water. Allow new concrete and brick work at least 4 weeks curing and new cement/sand screed or render at least 2 weeks curing before fixing tiles.

MIXING INSTRUCTIONS

3.0±0.2Kg of water should be mixed with 20Kg of **EPO FIX C**. For part mixes use 1 part of water and 5 parts of powder by weight. Mix for 2-3 minutes with suitable mixer/drill acceptable before application.

APPLICATION AND TILES FIXATION

Spread only sufficient **EPO FIX C** over small areas of 1 sq. meter approximately that can be covered immediately with tiles in 15 minutes at 25°C. Tiles can be adjusted for 7 to 10 minutes after initial positioning.

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Thick Bed Cementitious Ceramic and Tile Adhesive



Comp the mortar with a solid bed semi notched trowel or a notched trowel and press tiles firmly into position with a slight twisting motion to ensure solid bedding leaving no voids behind the tiles.

If preferred the **EPO FIX C** can be additionally buttered on the backs of the tile to ensure tiles make full contact with the substrates.

Under normal conditions, the tiles installed with **EPO FIX C** can be subjected to foot traffic 24 hours after fixing. Leave the joints about 3mm wide around floor tiles. Clean and take out any tile mortar trapped between the tiles and insert plastic spacers.

Grouting: Grouting may be carried as soon as the tile bed is sufficiently firm normally after 24 to 48 hours. Use **EPO FUGAFLEX** range of products for this purpose. Do not use any neat cement/water slurry for grouting the tile joints.

PRECAUTIONS

Cleaning: All equipment must be cleaned with water immediately after use. Mixes containing this product must not be emptied into drainage system.

Protection: All works must be protected from rain, frost until fully hardened and shaded from direct sunlight

Storage: Shelf life is 12 months when stored in dry conditions at moderate temperature and humidity.

STANDARDS

BS EN 12004-C1

HEALTH AND SAFETY

EPO FIX C is nontoxic but mildly alkaline. Gloves should be worn during application. Splashes to the skin or eyes should be removed with clean water. In the event of prolonged irritation, seek medical advices.

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EPO GULF SPECIALITIES CO.

Kuwait, Amghara Industrial area
Block 4 Building 95 – 97 – 99
P.O box 12017 – Tel: +965 22272590
info@epogulf.com

WWW.EPOGULF.COM



EPO YAPI KIMYA CO.

Cement – Concrete Technology
Turkey, Istanbul, Tuzla, Orhanlı
Tel: +90 2165932294
info@epo.com.tr