

TRI- MORTAR P

Epoxy mortar for tile grouting

Description

Tri-Mortar P is a three component solvent free mortar comprising part A and part B and selected filler (part c). The three components after mixing will reach a consistency which gives excellent bedding, troweling and gunning properties.



Uses

Chemical resistance mortar designed for pointing between acid resistance bricks and somaga tiles. It is used in sewers, culverts, manholes and related structure.

Advantages

- Chemical resistance: unaffected by a wide range of acids, alkalis and industrial chemicals.
- Ease of application: it is formulated to allow application by trowel or knife.
- High bond strength: has a good chemical and physical bond to all substrate including bricks and tiles.
- Highly resistance for high concentration of acids.
- Long pot life: allow for long working time.
- Solvent free: so it is low hazards.

Technical Data @°25c

Density	1.8 gm/cm ³
Mixing ratio	1.54 A: 1B: 9C
Pot Life	20 -30 min.
Initial Setting time	9 hours
Final cure	7 days
Compressive strength	80 N/mm ²
Density	1.8 gm/cm ³
Rate of use (theoretical)	As a tile adhesive : 7 - 8 kg per m ²
	As a grouting : according to joint dimensions (L = 1.8 Kg)
Chemical resistance	
Bleach	excellent
Detergent	excellent
Saturated sugar	excellent
Sodium chloride 50%	Sodium
hydroxide 10 %	excellent
Sulfuric acid 50%	excellent
Hydrochloric acid 30%	excellent

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Directions for use

The surface should be clean, sound and free of dirt, dust, grease and oil. The material can be applied to either dry or moist surface however any free standing water should be removed prior to application.

Mixing

Tri-Mortar P is supplied in pre-measured components. To mix, stir liquid components individually then pour into a clean pail, mix thoroughly with a suitable forced action mixer until uniform consistency has been reached, slowly mix the powder filler into the premixed liquid until a uniform consistency is achieved.

Tri-Mortar P can be applied either by pointing trowel or using a hand gun or knife. The joint should be slightly overfilled and tool to obtain a smooth dense finish.

Note:

The epoxy compound should be applied only when the substrate temperature and ambient temperature is above 5°C

Cleaning

Clean equipment with thinner.

Package

Pack - 7.5 kg

Storage

Store under cover, out of direct sunlight and protect from extreme temperatures. In tropical climates the product must be stored in air-conditioned environment

Shelf life

Has a shelf life of 24 month stored in dry and cool place

Health and safety

Tri - Mortar P should not come in contact with skin and eyes or be swallowed. Avoid prolonged inhalation of solvent vapours.

Some people are sensitive to epoxy resins, hardeners and solvents. Gloves, goggles and a barrier cream such as should be used.

Ensure adequate ventilation and if working in enclosed areas use suitable breathing apparatus.

If mixed resin comes into contact with the skin, it must be removed before it hardens with a resin removing cream followed by washing with soap and water. Do not use solvent.

if accidental eye contamination occur with any of the

above products, wash well with plenty of clean water and seek medical advice. If swallowed, seek medical attention immediately. Do not induce vomiting.



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