

ChemTile EP[®]



Description

ChemTile EP[®] is 3 K, solvent free industrial filling and grouting material.

Advantages

- Easy to use easily finished.
- Excellent chemical resistant.
- Water-resistant.
- Non-toxic.
- Suitable for hot weathers.

USES

ChemTile EP[®] is useful in grouting of tile joints in the following locations:

- Industrial areas and factories.
- Warehouses.
- Power stations.
- Laboratories and dairies.
- Can be used as a tile adhesive mortar.

Coverage

Rate:

Approximately 6.0Kg/m² at 3mm thickness.

Packaging

ChemTile EP[®] is supplied in:

- 10 Kg Packing group
- (Hardener 0.522/Kg - Base 1.552/Kg - Filler 7.926/Kg).

Technical Properties

Compressive Strength	700 Kg / cm ²
Flexural strength	300 Kg / cm ²
Density	2.0 Kg / Liter
Bonding strength	45 Kg / cm ²
Temperature Ranges	5°C: 40°C
Pot life	60 min. at 25°C
Phase	Paste
Colour	upon request

Standards Compliance

• **ChemTile EP[®]** compile with international standards as BS 5980.

Application Instructions

Preparation

• All joints / surfaces must be dry, clean, free from dust, oil, grease, and any loose material.

Mixing

ChemTile EP[®] is supplied in 3 components: base, activator filler.

- Firstly stir the base and the activator separately
- The resin components can be mixed together first in a bucket, then the aggregate should then be added slowly.
- To ensure complete mixing, it is recommended that a mechanical mixer is used continuously for 3-4 min. After addition of the filler.
- The mixed material should be used within one hour of commencing mixing at 20°C.

ChemTile EP®



Application

- Work the paste into the joints / surfaces and around the edges.
- Remove surplus from the face of the tiles with a dry cloth.
- If the grout has dried, clean the tiles.
- Do not allow to dry on textured surfaces.

Shelf life

ChemTile EP® has a shelf life of 12 months.

Storage conditions

ChemTile EP® store in normal temperature and closed shaded dry area in undamaged original packing.

Health & safety

- ChemTile EP® is flammable or health hazard material.
- PPE in accordance with the health and safety rules should be used during the materials application.
- For irritant effects of the non-cured material, avoid contact with skin and eyes during storage and application.
- If the contamination occurs, wash the contaminated part by soap and plenty of water. Urgently contact to nearest hospital.
- Food and drink should be kept outside the application areas and should be kept in closed area.

• Residues of material must be removed according to local regulations.

• Fully cured material can be disposed of as household waste under agreement with the responsible local authorities.

Technical support

For any technical support, please contact ichem technical office or representatives

