





CONSTRUCTION CHEMISTRY

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### Application

Due to the easy workability of the product, a variety of instruments such as trowel, scraper, filling knife and squeegee can be used. After mixing, material can be taken directly from the can, or subdivided onto spot boards for individual applicators.

Expanmortar\*EPFC can be over coated with all epoxy coatings after a minimum curing period of 24 hours. Prior to overcoating, the surface of the fully cured Expanmortar\*EPFC should first be abraded to assist adhesion, and then cleaned to a dust-free finish.

### Cleaning

Expanmortar\*EPFC should be removed from tools, equipment and mixers with Expanchem Solvent 102\*† immediately after use. Hardened material can only be removed mechanically.

### Estimating

#### Supply

**Expanmortar\*EPFC** : 1.0 and 4.0 litre packs

**Expanchem Solvent 102** : 5 and 25 litre cans

#### Coverage and yield:

Coverage of Expanmortar\*EPFC is wholly dependant upon surface conditions, site trials are therefore recommended to ascertain actual usage on uneven substrates. As a guideline when applied at 200 microns dft coverage is approximately 5m<sup>2</sup>/litre.

### Storage

#### Shelf life

12 months if kept in unopened tins and stored in a dry place away from direct sunlight.

### Storage conditions

Store in dry conditions in the original, unopened containers. If stored at high temperatures the shelf life may be reduced to 4 to 6 months.

### Limitations

- Do not mix part packs under any circumstances.
- Expanmortar\*EPFC should not be exposed to moving water during application.
- Exposure to heavy rainfall prior to final set may result in surface scour.
- If any doubt arises concerning temperature or substrate condition, consult the local Expanchem Fospak office.

### Precautions

#### Health and safety

Expanmortar\*EPFC and Expanchem Solvent 102 should not come in contact with skin or eyes, or be swallowed. Ensure adequate ventilation and avoid inhalation of vapours. Some people are sensitive to resins, hardeners and solvents. Wear suitable protective clothing, gloves and eye/face protection.

If working in confined areas, suitable respiratory protective equipment must be used. The use of barrier creams provides additional skin protection. Should accidental skin contact occur, remove immediately with a resin removing cream followed by soap and water. Do not use solvent. In case of contact with eye, rinse immediately with plenty of clean water and seek medical advice. If swallowed seek medical attention immediately - do not induce vomiting.

#### Fire

Expanmortar\*EPFC is non-flammable.

Expanchem Solvent 102 is flammable. Keep away from sources of ignition. No smoking. In the event of fire extinguish with CO<sub>2</sub> or foam. Do not use a water jet.



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### Flash points

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**Expanchem Solvent 102 :** 33°C

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For further information, refer to the product materials safety data sheet.

### Additional information

Expanchem Fospak manufactures a wide range of products specifically designed for the repair and refurbishment of damaged reinforced concrete. These include hand-placed and spray grade repair mortars, fluid micro-concretes, chemical-resistant epoxy mortars and a comprehensive package of protective coatings.

\* Denotes the trademark registered.

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### Important note

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