



# Technical Data Sheet

## Blackfriar Professional Concrete Repair Mortar

A versatile and high performance epoxy repair mortar which forms a strong, permanent bond to damaged and eroded concrete surfaces.

### Performance characteristics –

- Durable, non-shrinking and stronger than concrete.
- Ideal for crack filling, relining channels and forming plinths.
- Resistant to petrol, dilute acids, caustic soda, mineral oils and other common chemicals.
- Indoor and outdoor use.
- Trowel application.

**Preparation:** Ensure the surface to be painted is sound, clean, dry and free from grease or any substance liable to give adhesion problems. Wire brushing or sweeping is generally sufficient. Use Blackfriar Professional Degreaser & Cleaner if necessary. If the surface is damp it can be primed with Blackfriar Professional Damp Proof Primer. A primer is generally not needed if patch or crack repairing but if Blackfriar Professional Concrete Repair Mortar is to be applied in thin section or to smooth or non porous surfaces use Blackfriar Professional Oil Tolerant Primer.

**Application:** The base and activator components each contain resin damped aggregates. Discharge the entire contents of each component onto a mixing board, then mix together using a trowel until a uniform colour is produced. Using a trowel or a plaster's float apply the product firmly against the prepared surface. To prevent drag on the trowel and to produce a smooth finish, lightly wipe the tool with a rag moistened in white spirits. Blackfriar Professional Concrete Repair Mortar is normally applied to a thickness of 5 to 50mm on horizontal surfaces (up to 10mm on vertical) and can be feather edged to produce a neat finish as long as the main repair is at least 5mm thick. For repairs deeper than 50mm apply multiple layers allowing 6-8 hours @20°C between layers. Blackfriar Professional Concrete Repair Mortar cures at temperatures above 10°C. Do not steam clean or subject the finished repair to temperatures above

50°C. In some circumstances discolouration may occur on some vinyls when laid over repairs. Use product within 30 minutes of mixing @20°C.

**Coverage Rate:** Up to 0.1m<sup>2</sup>/kg/5mm depth.

**Drying Time:** Light traffic accepted after 6hrs @20°C. Heavy traffic accepted after 12hrs @20°C. Allow to dry for a minimum of 6-8hrs @20°C between coats. Blackfriar Professional Concrete Repair Mortar cures at temperatures above 10°C.

**Clean Up:** Remove as much product from application equipment as possible before cleaning with White Spirits before mortar cures. Do not empty into drains or watercourses. Some local authorities have special facilities for the disposal of waste coatings.

### Warning

**Contains: Fatty acids, tall-oil, reaction products with tetraethylenepentamine; Phenol, styrenated.**

Causes serious eye irritation. Causes skin irritation.

May cause an allergic skin reaction.

Keep out of reach of children.

Read label before use.

If medical advice is needed, have product container or label at hand. Wear protective gloves and eye protection: nitrile rubber gloves.

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

Dispose of contents and container in accordance with all local, regional, national and international regulations.

Whilst every effort is made to ensure the accuracy of colour, due to limitations of the print process, colour / finish shown is for guidance only.