



Technical Data Sheet

Blackfriar Professional Epoxy Floor Paint (Water-Based)

A hard-wearing, heavy duty, easy-to-clean floor coating ideal for indoor heavy traffic areas. Excellent resistance to chemicals and abrasion, while its low-odour formula makes it ideal for sensitive areas.

Performance characteristics –

- Water Based formulation, ideal for use in hospitals and food and drink environments.
- Resists grease, oil and weak solutions of acid and alkali.
- Prevents the dusting of concrete surfaces.
- Indoor use.
- Brush or roller application.
- Can be applied over existing surfaces such as brickwork, concrete, cement, wood, metal and stone.

Preparation

Ensure the surface to be painted is sound, clean, dry and free from grease or any substance liable to give adhesion problems. Scrape off any old or flaking paint until you have a firm surface. Special attention should be given to areas under cars to ensure all oil, grease, dirt and road salt is removed. New concrete must be left for at least 6 months before applying Blackfriar Professional Water Based Epoxy Floor Paint. For previously painted areas ensure existing coatings are well adhered to the substrate and mechanically abrade glossy surfaces.

Application

Stir base thoroughly before adding all of the activator then mix well. DO NOT MIX PART UNITS. Allow to rest for 5 minutes before using. Pot life is 2 hours at 20°C. Apply with a brush or roller working the paint in any surface imperfections. On bare or new surfaces first apply Blackfriar Professional Water Based Epoxy Floor Primer followed by 1-2 coats of Blackfriar Professional Water Based Epoxy Floor Paint. On previously painted surfaces apply 1-2 coats as required. Blackfriar Professional Water Based Epoxy Floor Paint is not suitable for use over PVC, thermoplastic

tiles, quarry tiles, or granolithic concrete. Do not apply it on concrete surfaces treated with alkali containing liquids, areas subjected to rising damp or areas treated with PVA bonding solutions. Do not apply in cold (below 15°C), damp or humid conditions. If concrete floors are very smooth then pre-treat with Blackfriar Professional Acid Etch followed after thorough rinsing by Blackfriar Professional Water Based Epoxy Floor Primer prior to applying 1-2 coats of Blackfriar Professional Water Based Epoxy Floor Paint. Surfaces are slippery when wet. To ensure slip resistance the floor must be kept dry when in use. The use of protective mats will help preserve the surface under tyres.

Coverage Rate

6m²/litre per coat. Two coats recommended.

Drying Time

12hrs @20°C. Allow to dry for a minimum of 12hrs @20°C and maximum 72hrs @20°C between coats. Full cure is achieved in 5-7 days @20°C.

Clean Up

Remove as much product from application equipment as possible before washing with water. Do not empty into drains or watercourses. Some local authorities have special facilities for the disposal of waste coatings.

Warning

**EPOXY RESIN (Number average MW ≤ 700)
Bisphenol F / Epichlorhydrin Epoxy Resin 1,6
Hexandiglycidylether**

Causes skin irritation. May cause an allergic skin reaction.
Cause serious eye irritation.

Toxic to aquatic life with long lasting effects.

Keep out of reach of children.

Avoid release to the environment.

Wear protective gloves/protective clothing/eye protection/face protection.

IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.

Dispose of contents/container to recognised waste collection point.

Avoid breathing dust/fumes/gas/mist/vapours/spray.

Wash hands thoroughly after handling.

IF ON SKIN: Wash with plenty of soap and water.

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

Take off contaminated clothing before reuse.

Wash contaminated clothing before reuse.

Collect spillage.

Contains epoxy constituents. May produce an allergic reaction.

VOC Information: EU limit value for this product (cat A/j): 140g/l. This product contains max 10g/l VOC.

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.