



Technical Data Sheet

Blackfriar Professional Damp Proof Primer

A moisture suppressant membrane for priming damp concrete floors and screeds. Suppresses moisture, allowing earlier application of floor coatings.

Performance characteristics –

- Designed to allow earlier access to concrete, screed, tile, vinyl and wood surfaces.
- Suppresses residual moisture to provide a low vapour diffusion rate surface damp proof membrane.
- Indoor and outdoor use.

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 should be allowed to cure to a compressive strength of at least 25N/mm² and laitance removed before applying Blackfriar Professional Damp Proof Primer.

Application

Stir base thoroughly before adding all of the activator then mix well. DO NOT MIX PART UNITS. Discharge immediately after mixing. Pot life is 20-30 minutes at 20°C. Apply with a brush, squeegee or roller working the paint in any surface imperfections. If necessary de-aerate using a spiked roller within 20 minutes of application. Even substrates up to 90% relative humidity with existing sub-floor Blackfriar Professional Damp Proof Primer can normally be satisfactorily stabilised by single coat application at a minimum dosage of 0.33L/m² (plus allowance for surface profile etc) to give a minimum overall thickness of 0.33mm at profile peaks. If in doubt apply a two coat system as below. Substrates up to 100% relative humidity and all rough surfaces should receive a minimum of two coats as follows:

First coat – Apply a full even coat at a minimum dosage of

0.26L/m² (plus allowances for surface profile, etc.) to give a minimum overall thickness of 0.25mm at profile peaks. Allow product to set before overcoating.

Second/subsequent coats – Apply a full even coat at right angles to the preceding coat at a minimum dosage of 0.2L/m² (plus allowances) to give a minimum overall thickness of 0.2mm). If necessary, apply a full dry silica sand scatter (nominal 60 mesh) to the wet final coat to assist adhesion of subsequent products. Do not apply at surface temperatures below 10°C or if overnight ambient temperatures are below 5°C.

Coverage Rate

4.5m²/L per coat.

Drying Time

6-16hrs @20°C. Allow to dry for a minimum of 16hrs @20°C and maximum 48 hrs @20°C between coats. Full cure is achieved in 5-7 days @20°C.

Clean Up

Small spillages can be cleaned up with Xylene. Allow brushes and rollers to cure and dispose of. Do not empty into drains or watercourses. Some local authorities have special facilities for the disposal of waste coatings.

Warning

Contains: BENZYL ALCOHOL ISOPHORONEDIAMINE m-Xylylenediamine 4,4'-ISOPROPYLIDENEDIPHENOL 3-AMINOPROPYLDIMETHYLAMINE.

Harmful by inhalation and if swallowed. Causes burns. May cause sensitisation by skin contact. Possible risk of impaired fertility. Keep out of the reach of children. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves and eye/face protection. In case of accident or if you feel unwell, seek medical advice immediately (show label if possible). If swallowed, seek medical advice immediately and show this container or label. Do not empty into drains,

dispose of this material and its container at hazardous or special waste collection point. EU limit value for this product (cat A/j): 500 g/l. This product contains max 500 g/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.