

DUROPROOF BLW

FOR RETAINING WALLS & PLANTERS

DUROPROOF BLW is a liquid applied, latex modified bituminous elastomeric waterproofing membrane which, when fully cured, forms a permanently flexible waterproof lining to most building surfaces including reinforced concrete, block work, brick work and cement render.

PRINCIPLE CHARACTERISTICS

- Single component, user friendly.
- Simple application – brush, roller or spray
- Excellent elasticity.
- Seamless
- Low odour, non toxic water based
- Fast curing



USE AREAS

- Retaining Walls
- Planter Boxes

GENERAL

Coverage	0.5—0.75 mm per coat Masonry - 1.8-2.0L/ m ² or 3 coats 0.6L/m ² each Concrete- 1.5-1.8L/ m ² or 3 coats 0.6L- 0.75L/m ² each
No of Coats	2-3 (depending on surface porosity)
Shelf Life	1 year in sealed container
Touch Dry	2-4 hours
Colour	Black
Toxicity	Non toxic
Thinning	Water
Solvent Resistant	No
Elongation	>300% at 20 °C
Weather resistance	Should be protected from sunlight
Solids Content	58% by volume

PACKAGING

- 20 Litres
- 10 Litres
- 4 Litres

INSTALLATION

SUBSTRATE PREPARATION

Concrete and render must be cured for a minimum of 28 days. Remove dirt, dust, loose particles, oil and unsound concrete etc. Water blast if necessary. Surface must be dry. Fill screw holes any open joints in block work / concrete prior to application of membrane.

PRIMING

DUROPROOF BLW is self priming when used on most surfaces e.g. Sound concrete, block work. Surfaces may be primed with **DUROPROOF BLW** thinned with 50% water or with **DUROSEAL AR** Sealer. Areas subject to rising damp should be first sealed with an epoxy coating, such as **DUROPOXY WBE**.

BOND BREAKERS

Apply a bead of elastomeric sealant (eg. Neutral-cure silicone) to the following areas:-Wall / footing junction where movement is expected and expansion joints, generally to all places where movement is likely to occur.

REINFORCEMENT

A reinforcing fabric such as 140-200mm wide polyester bandage should be used over the following areas:- expansion joints, cracks, footing / floor to wall junctions, around floor/wall penetrations, and any other area movement will occur. Reinforcement may also be required over construction joints generally in walls.

APPLICATION

Reinforced: To the prepared surface apply a heavy coat of **DUROPROOF BLW** by brush or roller at approximately 2m²/litre. Immediately lay the reinforcing fabric into the wet surface, then apply another coat and work in carefully by brush or roller to saturate the fabric. When dry apply one or more coats to give a fully waterproof lining. Ensure a minimum coverage of 1.6litres/m². When dry, check for pinholes or misses and recoat if necessary.

Un-reinforced: To areas where a reinforcing fabric is not utilised apply 3 coats of **DUROPROOF BLW** at a total rate of 1.8 litres/m² ensuring full coverage, by brush, roller or spray (use 21 thou Min tip size + airless spray).

Porous Surfaces (Masonry): May require 3 coats to obtain a satisfactory dry film thickness.

PRECAUTIONS

Do not apply above 32°C or below 8°C ambient temperature. Be sure coating will cure before contact with water. Wash equipment with water before dry. Protect **DUROPROOF BLW** from extended sunlight exposure. Planter box membrane must be fully cured before being subject to moisture or soil. Protect membrane against damage before and during backfilling or covering. Durotech protection board may be used where suitable. Use an approved drainage system and protection board in planter boxes and retaining walls before filling to protect membrane from any damage.

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DUROTECH

The information provided in this technical bulletin is as correct in detail as possible and is intended to give a fair description of the product and its capabilities. In practice, the substrate and environmental conditions vary widely, making it essential for the user to determine the products suitability for a particular application and that the product is not used beyond its physical limitations. The product is guaranteed providing that it is applied in accordance with the manufacturer's instructions as stated in this data sheet and any relevant Standard or Code and provided that the building and installation is structurally sound. Durotech terms and conditions of sale apply.