

# DUROMASTIC BLW

FOR TETAINING WALLS & PLANTER BOXES

## DESCRIPTION

**Duromastic 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.

## FEATURES

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

## USE AREA

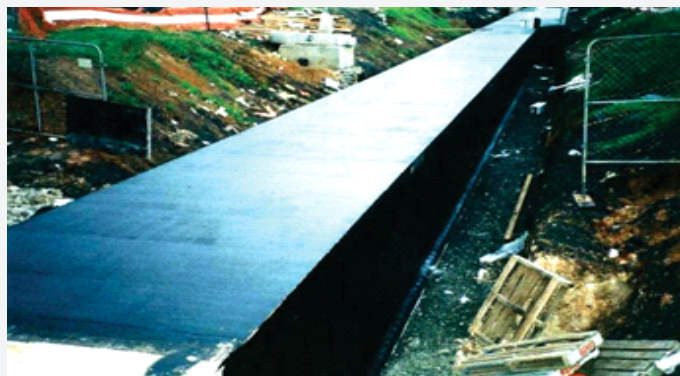
- Retaining walls
- Planter Boxes

## PACKAGING

- 15 Litre

## TECHNICAL INFORMATION

<b>Colour</b>	Purple when wet, dries black
<b>Weather resistance</b>	Should be protected from sunlight
<b>Colour</b>	Tack Free: 60-90 minutes Re-coat: 2-4 hours
Based on normal ambient temperatures of 23°C and 50% RH Temperature, humidity and porosity will vary dry times	Dry film - 24 hours Backfil: 5 days curing Flood test: 10 days curing
<b>Recoat time</b>	4-6 hours @ 25°C
<b>Coverage</b>	Masonry – 1.8 – 2.0L/m <sup>2</sup> or 3 coats @ 0.6L/m <sup>2</sup> each Concrete – 1.5 – 1.8L/m <sup>2</sup> or 2 coats @ 0.9L/m <sup>2</sup> each
<b>Wet film per coat</b>	0.9mm thick
<b>Dry film thickness</b>	1.0mm minimum
<b>Elongation @ break</b>	>300% at 250C
<b>Solids content</b>	58% by volume
<b>Shelf life</b>	12 months in unopened container @ 20°C





## SURFACE PREPARATION

Concrete must be cured for a minimum of 28 days and render 7 days. Remove dirt, dust, loose particles, oil and unsound concrete etc. Water blast if necessary. Surface must be dry. Fill holes and open joints in block work or concrete prior to application

## PRIMING

Duromatic BLW is self priming when used on most surfaces e.g. Sound concrete, block work. Surfaces may be primed with Duromatic BLW thinned with 50% water or with Durotech AR Sealer. Areas subject to rising damp should be first sealed with an epoxy

## BOND BREAKERS

Apply a bead of Durotech Neutral-cure silicone to the following areas: Wall/ footing junction where movement is expected and expansion joints, generally to all areas 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

## APPLICATION

**Reinforced:** To the prepared surface apply a heavy coat of Duromatic BLW by brush or roller at approximately 2m<sup>2</sup>/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 1.6 Litre/m<sup>2</sup>. When dry, check for pinholes or misses and recoat if necessary.

**Un-reinforced:** To areas where a reinforcing fabric is not utilized apply 3 coats of Duromatic BLW at a total rate of 1.8 Litre/m<sup>2</sup> ensuring full coverage by brush, roller or spray (use 21 thou Min tip size + airless spray).

## CLEANING

Clean with water before dry.

## PRECAUTIONS

Do not apply above 30°C or below 10°C ambient temperature. Be sure coating will cure before contact with water. Wash equipment with water before dry. Protect Duromatic 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

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