

DURO MASTIC™ BLW 300

FOR RETAINING WALLS & PLANTER BOXES

Technical Data Sheet

DURO MASTIC™ BLW 300 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.

Principal Characteristics:

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



Use Areas:

- Retaining Walls
- Planter Boxes

Packaging:

- 15 Litres

Technical Information:

Colour	Purple when wet, dries black
Weather resistance	Should be protected from sunlight
Touch Dry	2-4 hours @ 25°C
Recoat Time	4-6 hours @ 25°C
Coverage	Masonry - 1.8-2.0L/ m ² or 3 coats @ 0.6L/m ² each Concrete - 1.5-1.8L/ m ² or 2 coats @ 0.9L/m ² each
Wet Film per coat	0.9mm thick
Dry Film Thickness	1.0mm minimum
Elongation @ break	>200% at 25°C
Solids Content	58% by volume
Shelf Life	12 months in unopened container @ 20°C

Substrate 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 of membrane.

Priming:

DUROMASTIC™ BLW 300 is self-priming when used on most surfaces e.g. Sound concrete, block work. Surfaces may be primed with DUROMASTIC™ BLW 300 thinned with 50% water or with DUROTECH AR SEALER. Areas subject to rising damp should be first sealed with an epoxy coating, such as DUROMIX™ WBE.



Bond Breaker:

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 occur. Reinforcement is also required over construction joints in walls.

Application:

Reinforced: To the prepared surface apply a heavy coat of DUROMASTIC™ BLW 300 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 1.6 litres/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 DUROMASTIC™ BLW 300 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 30°C or below 10°C ambient temperature. Be sure coating will cure before contact with water. Wash equipment with water before dry. Protect DUROMASTIC™ BLW 300 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. Do not expose to solvents.

Clean Up:

Clean up with water before dry.