

## TECHNICAL DATA SHEET

# Duromastic WAM 400

### INTRODUCTION

Duromastic WAM 400 is a polyurethane modified copolymer acrylic waterproofing membrane specifically formulated for bathrooms, laundries, balconies, terraces and other wet areas. Use Duromastic WAM 400 prior to installing mortar beds, render or tiling. The membrane forms a blue coloured water resistant elastomeric film with excellent durability.

### PRINCIPLE CHARACTERISTICS

- Water based. Non hazardous and non – flammable
- Highly durable – water, oxidation, UV and weather resistant
- Compatible with polymer modified tile adhesives
- Paintable with acrylic coatings
- Complies with the requirements of AS4858 Class III and AS3740
- Extends to over 400%
- Application by brush, or roller (10-12mm nap)
- Easy clean-up with water (while wet)

### USES AREAS

- Internal wet areas and shower recesses
- External balconies and Decks
- Tanking (Contact Durotech)
- Roofs – Topcoat with Duromastic
- AC (UV Coating) or Ac Non Slip or SR.
- Water Features

### PACKAGING

- 15 Litre

### SURFACE

- Concrete and concrete blockwork
- Masonry, brick and sandstone
- Existing acrylic coatings
- Plasterboard
- Fibrous and asbestos cement sheeting
- Zinalume and galvanised iron
- Timber

### **APPLICATION**

Coverage minimum recommended 1.0 Litre/m<sup>2</sup> per coat, applied as 2 or more coats. This will give a recommended dry film thickness of 1.1mm total.

### **PREPARATION**

Remove dirt, dust, loose particles, old adhesives and coatings, grime and unsound concrete. Where possible wash down oily, dirt contaminated, or powdery surfaces with dilute detergent, then rinse and dry thoroughly. Allow new concrete and render to fully cure. Ensure all sheeting and surfaces are dry, stable, sound and fully secured. Fix any rising damp problems beforehand. For timber floor surfaces use fibre cement sheeting as a replacement or cover. Remove or flatten all sharp concrete edges, mortar droppings, screw and nail heads. Prime wall and floor surfaces with Durotech Waterproofing Primer. Etch PVC fittings with plumbers PVC primer. For larger cracks, expansion joints, floor and pipe penetrations wall or hob junctions, seal neatly with neutral cure silicone sealant (smooth curved 12mm bead), and when cured apply membrane fabric reinforcement as explained below.

### **APPLICATION**

Do not apply externally if rain is expected presently. Do not apply below 10°C or above 30°C externally. Ensure that the primer coat is completely dry. Apply evenly and check for missed areas and pin-holes. Apply further coats from cross directions after 4 to 6 hours. Do not apply as one coat. Apply down into drainage outlets. Use reinforcing fabric over expansion joints, cracks, all wall and floor junctions, and pipe penetrations. Apply this by first brushing out a layer of membrane (1-2 mm), next lay in the fabric and ensure there are no air bubbles, and the fabric is fully set in without wrinkles. Then brush over with more membrane. Good air flow and warmth will speed drying.

### **DRYING TIME**

Allow 4 to 6 hours to dry. Flood test after 3 days. Tile or apply mortar bed after 3 to 4 days. Reputable polymer modified tile adhesives and renders are recommended.

### **CLEAN UP**

Before drying, clean up with water. Scrape off when dry or use paint stripper for spot removal.

### **SHELF SIZE**

12 months at 20°C in original unopened containers. Protect from freezing.