

# DUROMASTIC P15 DIAMOND



CERTIFIED CLASS III MEMBRANE IN ACCORDANCE  
WITH AS 4858 and AS 4654.1

## DESCRIPTION

Duromastic P15 DIAMOND is a polyurethane modified copolymer acrylic waterproofing membrane specifically formulated for non exposed areas such as bathrooms, laundries, balconies, terraces and other wet areas.

Duromastic P15 DIAMOND has been tested in accordance with the National Construction Code (NCC) to AS-4858:2010 and AS4654.1 standards ensuring compliance for both internal and external under-tile applications.

Duromastic P15 DIAMOND once cured forms a class 3 waterproof barrier that is durable, flexible, odourless and a fully bonded seamless membrane that does not re-emulsify when immersed in water.

## FEATURES

- Water based. Non-hazardous and non – flammable
- Ready to use – Single pack.
- Rapid Drying for earlier Tiling Non-Toxic, Low VOC Meets “Green Star” environmental criteria.
- Water based easy clean up with water.
- Inhibits mould and biological growth.
- Compatible with all common building materials
- Tested in accordance with NCC, AS4858 & AS-4654.1
- High permanent Flexibility Class III
- Low Permeability– allowing for use on timber floors.
- Micro Fibre Reinforced
- Once fully cured does not re-emulsify, long term performance.
- Tough & Durable
- Suitable for Internal & External application
- Paintable with acrylic coatings
- Compatible with polymer modified tile adhesives
- Application by brush, or roller (10-12mm nap)

## USE AREA

- Internal & External Wet Areas
- Balconies & Decks
- Bathrooms, Kitchens, Laundries
- Roof areas are non exposed

## SURFACE

- Concrete and concrete blockwork
- Masonry, brick
- Fibrous cement sheeting
- Particle board that complies with AZ/NZS 1859.1 (when primer with Duromix Hibuild WBE Epoxy Primer)

Note: Duropime ARW can be used with Duromastic P15 internally and externally.

## TECHNICAL INFORMATION

**Drying Time** 1 – 2 hours touch dry

**Elongation at break** > 300% (Class III Extensibility)

**Full Cure at 25°C,  
50% R.H.** 3 days

**Minimum screed &  
Tiling time at 25°C,  
50% R.H.** 24 - 48 hours

**Colour** Grey, Blue and black

Available in fibre reinforced grade

## PACKAGING

- 4 Litre
- 15 Litre



## PRIMING

### High Moisture Dampness Renders, Screeds and

**substrates:** Apply 1 coat of Duromix Hibuild WBE as a primer in accordance with Product Data Sheet to the prepared substrate.

Durotech Duoprime ARW can be used in conjunction with Duromastic P15 Diamond internally and externally

## 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. Recommended and advised to tile over the product for under tile applications within 7 days. Must be top coated with UV exposed Durotech compatible membrane for exposed areas within 7 days.

## COVERAGE RATE

TYPE	Internal and External areas
LITRES/m <sup>2</sup> FOR EACH COAT	0.75
m <sup>2</sup> /PAIS FOR EACH COAT	20
WFT/COAT	0.8mm
NUMBER OF COATS	2
FINISHED DFT (ALL COATS)	1.0mm

## 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.

## DETAILING

Apply Durotech Duroseal 25C or Duroseal 50FC (a flexible polyurethane sealant) and tool off to form a solid covered 45 fillet extending 12mm on to the adjacent surfaces. Allow to cure. Apply the Durotech membrane directly over the sealant and on the adjacent surfaces.

For Additional waterproofing protection or expansion joint requirements the following additional steps may be taken. Lay a strip of Durotech flashing Tape (self-stick, butyl mastic waterproofing membrane or with a polyester backed reinforcing fabric) over the cured polyurethane sealant pressing it firmly on the surface. Apply the Durotech membrane directly over the tape and on the adjacent surfaces.

## BOND BREAKER

- When installing bond breakers use Durotech sealants.
- Bond breaker is to be installed over the dry primer coat where a bond breaker joint is required
- Bond breaker joints must be a minimum 12mm x 12mm coved bead of sealant.

## CLEAN UP

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

## SHELF LIFE

12 months at 20°C in original unopened containers.

Protect from freezing.

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