



Let's Build GREEN

AN ISO 9001:2015 CERTIFIED COMPANY

# WATER STOP BITU MEMBRANE

High Performance bitumen & polymer based membrane, designed to offer UV and weather resistance.

## DESCRIPTION

Water Stop Bitu Membrane is a high performance bitumen and polymer based membrane, designed to offer UV and weather resistance to exposed areas subjected to permanent immersion and pedestrian traffic. Water Stop Bitu Membrane used under screeds or toppings is accommodating expected structural movement tiled finishes are capable of accommodating expected structural movement. When used in combination with a reinforcing fabric, exhibits outstanding toughness and resistance to puncture.

## BENEFITS

- Suitable for collecting & storage of drinking water.
- Suitable for pedestrian traffic.
- High permanent elongation to accommodate thermal and Structural Movement.
- Excellent crack bridging properties
- May be reinforced for increased puncture resistance
- Safe and easy to use
- Quick drying
- Excellent adhesion to substrates

## USES

- Roofs, gutters
- Podium deck areas
- Roof garden
- Balconies and terrace area.
- Concrete, Cement Render Basements, Parking Areas, Brick and Light Weight

## SURFACE PREPARATION

ASTM C794 / ASTM D4541AS 4858 AS 4654.1

Test strips immersed for 7 days before visual examination:

Dilute Acids and Alkali

## SALT SOLUTIONS

The substrate must be clean, sound, dry, free from dust, oil, grease and laitance etc. The new concrete surface must be at least 21 days old before application of Water Stop Bitu Membrane.

## TYPICAL PROPERTIES & SPECIFICATIONS

Sr.No	PROPERTIES	TEST METHOD	TEST RESULTS
1	Bond Strength (Adhesion)	ASTM C794/ ASTM D4541	1.4 N/mm (1.4MPa)
2	Bongation (at break)	AS4858	> 350%
3	Tensile Strength	AS4654.1	3.2MPa

Number of Coats	2
Spreading rate/ 2 Coat	3 m <sup>2</sup> /Kg
Wet Film/Coat	350 microns
Recoat (@25°C)	4 hours
Curing Time	7 days
Colour	Black
Dilution	8 % - 10% Water
Shelf Life	12 months

## APPLICATION PROCEDURE & EQUIPMENTS

Apply two full coats of Waterstop Bitu Membrane to a suitably cleaned, prepared and primed substrate. Water Stop Bitu Membrane can be thinned to a maximum of 10% with clean, potable water Water Stop Bitu Membrane should be applied to give a smooth uniform coating by brush or roller.

Tools and equipment should be cleaned with clean potable water immediately after use.



