



Let's Build GREEN
AN ISO 9001:2015 CERTIFIED COMPANY

Waterproofing & Admixture

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.

Uses

- Excellent crack bridging properties
- May be reinforced for increased puncture resistance
- Safe and easy to use
- Quick drying
- Excellent adhesion to substrates
- 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.

Application Procedure & Equipment

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

Cleaning

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

Typical Properties & Specifications:

Sr.No	PROPERTIES	TEST METHOD	TEST RESULTS
1	Bond Strength (Adhesion)	ASTM C794/ ASTM D4541	1.4 N/mm ² (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 ² /Kg
Wet Film/Coat	350 microns
Recoat (@25°C)	4 hours
Curing Time	7 days
Colour	Black
Thinner	Water
Shelf Life	12 months

Packaging

1, 5, 20, kg. Plastic bucket.

Coverage

3 m² per 1 kg pack in two coats.

Storage / Shelf Life

WATERSTOP BITU MEMBRANE has a shelf life of 12 months from date of manufacture when kept at a temperature between 50° C to 45° C and store in the original, unopened bags. All material shall be stored under cover in a manner that will prevent damage preferable on pallets and protected from excessive heat and moisture. Do not freeze.

Quality Assurance

MAP PRODUCTS PVT LTD. is a firm of Assessed Capability. The company conform to the standard quality system, environmental management and is an ISO 9001:2015 , ISO 14001:2015 & OHSAS 18001:2007 Certified Company.





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Disclaimer

The information herein is based upon the best information available at the time of printing. Data provided is intended for those having skill and ability to use products recommended in a safe and responsible manner. LIABILITY is limited to the cost of material proven to be defective. There is no warranty expressed or implied as related to any issue which is deemed to be a direct result of improper acts of others or acts of GOD, constant submersion in harsh environments, workmanship or applicator, or any other cause and effect which is not related to defective material.

OUR RANGE OF PRODUCTS



CONCRETE ADMIXTURES



WATERPROOFING SYSTEMS



CONCRETE REPAIRS & STRENGTHENING



READYMIX PLASTER & PUTTY



ENGINEERING GROUTS & ANCHORS



FLOORING SYSTEMS



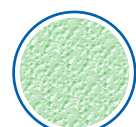
CURING COMPOUND & MOULD RELEASE AGENT



SEALANTS



PROTECTIVE & DECORATIVE COATING



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