

MAXBOND 1010

HIGH BOND CEMENTITIOUS MEMBRANE

About The Product

Maxbond 1010 is a 2 component cementitious waterproofing membrane with special emphasis on adhesion. It bonds exceptionally well to concrete, metal, plastic, gypsum and wood, in both dry and wet conditions. The system is easy to apply and cures quickly to become a cementitious membrane that forms a good bond with renders and tiles.

Design Features

- Unique strong bonding perseverance in dry and wet conditions.
- Possess over 10MPa compressive strength yet remains flexible to accommodate minor vibrations and movement.
- A liquid applied system that forms a physical layer of waterproof barrier without joints and overlapping which are often the weak link in high performance sheet membranes.
- Cementitious water based formulation to compliment bonding strength of wet trade finishes, eliminating future defects in hollowness, cracking and de-bonding.
- Cures to become a fully bonded membrane that prevents water migration which makes possible the localizing of any leakage and permitting simple spot repairs.
- Will not stain plaster, tile or paints in direct contact with membrane surface.
- Suitable for use in fish ponds and water tanks.

Performance Data

BS EN 14891 : 2012	Value*
Tensile Adhesion Strength	> 1.0 N/mm ²
Tensile Adhesion Strength (after water contact)	> 1.0 N/mm ²
Tensile Adhesion Strength (after heat aging)	> 0.7 N/mm ²
Water Impermeability (150 kPa for 7 days)	No Penetration

It's Uses

Recommended Areas
Internal wet areas, example: bathroom, kitchen, balcony, corridor.
Water containment structure, example: RC tank, pond and water feature
Over ground slab, as a barrier against raising dampness
External wall and ledge, as a barrier against rain water seepages

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Surface Preparation

The substrate must be sound, clean and monolithic. Cement laitance, mildew, oil, grease etc. must be removed. Honey-combs, voids, rough surfaces, exposed rebars and cracks above 0.4mm shall be routed and leveled with non-shrink grout.

Mixing Proportions

- Maxbond 1010 Liquid Polymer (Part A) : 8 kg
- Maxbond 1010 Filler Powder (Part B) : 28 kg

Pour Maxbond 1010 Liquid Polymer into a container of adequate size and slowly add Maxbond 1010 Filler Powder stirring constantly with an electric mixer. Ensure contents are fully added and stir to a uniform smooth texture which is free from lumps.

Application

Prior to application, the substrate shall be dampened thoroughly. Apply with a paint roller or brush to obtain a minimum 0.6mm thick coat and allow the membrane to become touch-dry before commencing second coat at the same thickness. Water containment tanks may have an additional coat applied as a precaution against added stress and movement.

Water ponding test may be conducted after the first 24 hours. Prevent prolonged UV exposure on the membrane. A protective screed is recommended to preserve and prolong the durability of the membrane.

Packaging

36 kg set consisting of 8kg Part A and 28kg Part B

Other packaging is available for retail

Coverage

Approximately 1.2 kg per m² for 0.6mm thick coat

Storage & Shelf Life

Keep elevated in dry, moisture free condition. Can be stored for 12 months in sealed original bag and 24 months in sealed original plastic container.

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Health & Safety

Prevent contact with skin and wear waterproof gloves and goggles when handling. Upon contact with skin, wash with soap and water. In case of eye contact, flush with water and seek medical attention immediately.

Note The information in this publication is given in good faith and is based on our current knowledge and experience.

We assume no liability, expressed or implied, to any particular use and/or application.

All information herein is effective from the date of issue and supersedes all previous editions.

* Values are typical and not meant as performance benchmark.