

Water-Tite 102

FLEXIBLE CEMENTITIOUS WATERPROOFING MEMBRANE

PRODUCT DESCRIPTION

PIONEER PRO Water-Tite 102 is a two component, flexible cementitious waterproofing membrane. It consists of selected cement blend with well-graded fillers and synthetic resin. PIONEER PRO Water-Tite 102 is capable of bridging hairline cracks.

PRODUCT FEATURES

- No primer required and can be applied to damp substrates
- Elastomeric – able to bridge cracks
- Factory pre-blended two-component system that ensure quality control at site
- Excellent adhesion to most substrates
- Algae and fungus resistant
- Durable and weather resistant

AREAS OF APPLICATION

- Canopy
- Balcony
- Roof Deck
- Basement Walls (Positive Side)
- Concrete Gutter
- Toilets and Baths
- Plant Boxes
- Kitchen

SURFACE PREPARATION

The substrates must be clean and sound, free of dust and loose particles. Laitance, oil, grease, mould release agents or curing compound must be removed from concrete surface by using wire brush or other means. Ensure sufficient gradient to allow water to run off. It is recommended that a cement and sand fillet be formed on all corners to receive the waterproofing membrane. Dampen the substrates before applying PIONEER PRO Water-Tite 102.

MIXING INSTRUCTION

Pour Part A (liquid) and add Part B (powder) into container. Mix it for 5 minutes until homogenous and lump free and re-stir manually before use.

APPLICATION

For horizontal and vertical surface, a roller or a brush may be used to apply the slurry. Care must be taken to ensure that air is not entrapped in the membrane. Apply the first coat and work generously to fill all the pores and honeycombs. Allow the membrane to dry approximately 2 to 3 hours prior to application of second coat. The second coat must be applied crosswise. After applying the second coat of PIONEER PRO Water-Tite 102, allow a minimum curing time interval of 15 – 72 hours before laying the screed and commencing pond test.

TABLE 1. PHYSICAL PROPERTIES:

Product Type:	Cementitious modified copolymer
Mix Components:	Part A: whitish liquid Part B: grayish powder
Mix Ratio	
Powder: Liquid (kg):	1:3.5 (1.5:3.0 or 1:2)
Mixed Color:	Gray
Pot Life at 30°C:	Approximately 1 hour
Tack Free Time:	Approximately 2 hours depending on temperature and humidity

COVERAGE

2.5 – 3.0 square meter at two (2) coats. Coverage figures are theoretical and due to wastage factors and the nature of possible substrates, practical coverage will be reduced.

STORAGE

The shelf life of PIONEER PRO Water-Tite 102 is 12 months when stored unopened in a cool and dry place.

HEALTH & SAFETY

PIONEER PRO Water-Tite 102 should be treated with care. Gloves and goggles should be worn. Any contact to the skin or eyes should be washed off with clean water. Powder products should be handled to minimize dust formation. PIONEER PRO Water-Tite 102 is non-flammable. KEEP OUT OF REACH OF CHILDREN.

PACKAGING

PIONEER PRO Water-Tite 102 is available in 4.54 Kg Kit.



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