

MAXBOND 322G

ELASTOMERIC POLYURETHANE MEMBRANE

About The Product

Maxbond 322G is a single component, cold applied membrane derived from pure polyurethane without any bitumen or coal tar modification. The cured membrane is highly flexible yet high in tensile and tear strength. It has excellent adhesion to concrete, masonry, bricks, Upvc, plywood and metal.

Design Features

- A liquid-applied system with simple surface preparation and easy application procedure, offering practical quality control under site conditions.
- Forms into a homogenous waterproof membrane without seams or lapping.
- Excellent elasticity and capable of accommodating moderate substrate movement.
- Fully bonds onto substrate and will not permit water migration in case of puncture, allowing for easy repair to localize area.
- Resistant to dirt and mild chemicals.
- Environmentally friendly tar free product
- Material is supplied in Green colour to allow easy identification from other common coatings.

Performance Data

Test	Standard	Value*
Density	ASTM D-1475	1.5 Kg/L
Tensile Strength	ASTM D-412-16	> 1.6 N/mm ²
Adhesion Strength (with Maxbond PU primer)	ASTM D-7234-21	2 MPA
Elongation @ Break	ASTM D-412-16	> 300 %
Shore A Hardness	ASTM D-2240-15	55
Touch Dry	TCVN 2096-3:2015	7 Hours

It's Uses

Recommended Areas
Concrete roof in a concealed system
Landscape and planter box
Balcony and court yard
Basement slab and retaining wall

Surface Preparation

The substrate must be fully cured, sound, clean and dry.

Cement laitance, mildew, oil, grease, asphalt, sealer, loose material and foreign substance must be removed.

Water downpipes openings must be flush with the application substrate to allow for water flow.

Honey-combs, voids and cracks above 2mm shall be routed out and leveled with repair mortar.

Rough surfaces and form fins shall be sanded down to eliminate any sharp protrusion.

Brick wall to receive upturns shall receive a skim plaster prior to waterproofing.

Maxbond PU Primer is recommended to prime all surfaces to receive Maxbond 322G membrane.

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The Installation

Stir with an electrical mixer for 1 minute before using. In the case of closed head pails, cut open the entire top to mix the contents.

Apply Maxbond 322G with a paint roller or brush at 0.75kg per m² to achieve 0.5mm thickness. Allow coating to become touch dry and proceed to apply the second coat at the same rate and thickness.

Water ponding test or protection topping may proceed 24 hours after the last membrane application.

Packaging

18 kg & 9 kg square tin

Coverage

Approximately 0.75 kg per m² for 0.5 mm thick coat. Minimum 2 coats required.

Storage & Shelf Life

Prevent from prolong exposure under direct sunlight. 12 months shelf life when stored in a cool and dry space.

Health & Safety

Maxbond 322G contains solvent and is harmful to eyes and skin. Use protective clothing, rubber gloves and mask during application with adequate ventilation.

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.