



Mega Sealers
Waterproofing Solutions

MEGA WATER GUARD

**SINGLE COMPONENT POLYURETHANE BASED
ELASTOMERIC COATING**



**PU
LIQUID
MEMBRANE**

DATA SHEET

DESCRIPTION:

MEGA WATER GUARD polyurethane based elastomeric liquid water proofing coating used for sealing and protecting concrete and masonry substrates against water, dampness and seepage with a long-lasting, semi-smooth, decorative White / Blue / Grey finish.

ADVANTAGES:

1. Water vapor permeable – Durable, it resists positive water pressure, making it suitable for interior use, above and below ground level.
2. Easy to apply – can be brushed applied on a damp substrate; equipment cleans simply with water.
3. High bond strength – Becomes integral part of the substrate.
4. Good application rate – Cost effective.



SPECIFICATIONS:

In above ground exterior walls exposed to rain and standing water, yield of Mega Water Guard single component polyurethane based elastomeric coating.

Apply coat of MEGA WATER GUARD 1.00kg / 1.20sqm - 1.60sqm yield of the mixed product will be depend on the texture and porosity of the surface. For Applications on the treads of the joints, it is recommended to trowel the area beforehand.

METHODOLOGY:

Preparation: Substrate should be clean, free from dirt, dust, and all loosely adhering particles. Cement-based surfaces should be thoroughly saturated with water to achieve surface saturated dry condition. All cracks larger than 1mm should be filled with cement base concrete repair Steel surface should be grit blasted then clean by solvent and kept to dry.

Application: MEGA WATER GUARD is applied by brush, broom or traditional mortar spraying equipment. It is recommended that the first coat is applied with a brush to work it thoroughly into the substrate to completely fill and cover all voids, holes and non-moving cracks.

Curing:

- 2-4 hr Touch dry
- 12-24 hr partial curing and subject to water test
- 48 hr complete curing



TECHNICAL DATA

Property	Value	Test Method
Specific Gravity	1.6 ± 0.05	ASTM D 1475
Tear Resistance	>15N	ASTM D 412
Shore Hardness A	70	ASTM D 624
Elongation at Break	>600	ASTM D 2240
QUV Accelerated Weathering Test	Passed 2000 hours	ASTM D 412
SRI (Solar Reflectance index)	101	ASTM G 53
Resistance to Bacteria	No Attack	ASTM E 1980
Resistance to algae	No Attack	ASTM D 4299
Service Temperature	30 to 80°C	ASTM G 29
Tensile Strength	>8N	

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