

# MEGA WATER GUARD

**SINGLE COMPONENT POLYURETHANE BASED  
ELASTOMERIC COATING**



**Mega Sealers**  
Waterproofing Solutions



**PU  
LIQUID  
MEMBRANE**

## DATA SHEET

### DESCRIPTION:

MEGA WATER GUARD polyurethane based elastomeric liquid water proofing coating. It can be use for sealing & protecting multiple surfaces (like; concrete, masonry, steel MS, SS, plywood, Gypsum, PVC, HDPE, wood, glass, aluminium, metal, chickboard, etc) 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 brush 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 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:** surface should be clean and free from dirt, dust and all loosely adhering particles. Cement base surface should be thoroughly saturated with water to achieve surface saturated dry condition. All cracks larger than 1 mm should be filled with Mega Crack Fix. Steel MS & SS shades should be dust free & dry before application of material

**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. Steel shades application can be applied without using primer.

### 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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