

# MasterSeal<sup>®</sup> M 266

## Two-component polyurethane waterproofing coating

### DESCRIPTION

**MasterSeal M 266** is a two-component, polyurethane, liquid applied, waterproof coating. The resulting membrane is an elastomeric waterproofing.

### TYPICAL APPLICATIONS

**MasterSeal M 266** is recommended for waterproofing and damp proofing applications in basements, bathrooms, kitchens, pools, refrigeration storage, roofs and other wet areas.

### ADVANTAGES

- High bond strength
- High tensile strength and elongation
- High build application in a single layer two coat application is recommended
- High solid content
- Chemical cure, does not need the presence of moisture
- Corrosion resistant, mildew proof and frost-resistant

### PACKAGING

**MasterSeal M 266** is supplied in two-components.  
 PTA: 8kg                                      PTB: 20kg

### STANDARDS

ASTM C836

### TYPICAL PROPERTIES\*

Tensile strength ASTM D412	3 N/mm <sup>2</sup>
Elongation at break ASTM D412	700%
Water impermeability (0.3MPa/30min)	Impermeable
Solid content	≥ 90%
Surface drying (time/h)	≤ 8
Drying (time/h)	≤ 24
Bond strength on concrete	>1 MPa
Pot life @ 25°C	>50 mins

### APPLICATION GUIDELINES

#### SUBSTRATE PREPARATION

The substrate should be smooth, clean, and free of laitance, grease, oils and standing water.

#### MIXING

The two components should be mixed thoroughly using mechanical means. The mixing should be carried out in a separate container. PTB should be poured in the separate container and PTA should be added while stirring/agitating the PTB. Mix thoroughly until uniform, before applying to the substrate.

#### PRECAUTIONS DURING APPLICATION

- No obvious water accumulation should be present on the substrate. Any water should be removed at least 24 hours prior to application and the substrate should be substantially dry.
- The application temperature should be between 5°C-40°C. Construction site should be well ventilated.
- After mixing of two components, material should be used within the gel time, this may vary depending on the temperature.

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## SYSTEM CHARACTERISTICS

Thickness of coated film: In below ground structures, wet areas and roofs it should not be less than 1.2mm dft.

Where a superior performance is required the material can be reinforced with a layer of woven glass fiber mesh. Each coat encapsulating the mesh should be 1mm dft.

All liquid applications should be applied in at least two coats to achieve the desired thickness. For vertical applications at high temperatures additional fibres may be required. Please contact Master Builders Solutions Construction Chemicals Technical Services Department for assistance.

## COVERAGE / YIELD

One unit 28 kg will yield 21.53 L and should cover 16.16 m<sup>2</sup> for a 1.2 mm dft.

## STORAGE AND SHELF LIFE

The product should be stored in a dry and shaded area. Shelf life is 12 months from the date of manufacture.

## QUALITY AND CARE

All products originating from Master Builders Solutions Dubai, UAE facility are manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational Health & Safety standards ISO 9001 and ISO 14001.

\* Properties listed are based on laboratory controlled tests.

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