

MasterSeal® M 866

A tough elastic two component polyurethane membrane

DESCRIPTION

MasterSeal M 866 is a two-component solvent free polyurethane coating suitable for use in traffic coating and roofing systems to provide crack bridging and waterproofing capability. When used in car park decking and roofing systems it will bridge dynamic cracks.

TYPICAL APPLICATIONS

MasterSeal M 866 is used primarily as a durable elastic membrane in polyurethane coating systems for car parks and roofs.

ADVANTAGES

- Tough
- Elastic
- Aggregate scatter does not sink through the wet coat

PACKAGING

MasterSeal M 866 is supplied in 25 kg units.

STANDARDS

ASTM C957

TYPICAL PROPERTIES*

Pot Life at 25°C	45 min
Tensile strength ASTM D412	6 N/mm ²
Elongation ASTM D412	100%

APPLICATION GUIDELINES

Application temperature

The quality of the final finish is dependent on the substrate and the material temperatures, we recommend a substrate temperature of min. +10°C and max. +35°C.

SURFACE PREPARATION

The surface to be coated must be clean, dry free of laitance, oil, grease or any substance that may impair adhesion.

The preferred method of surface preparation are; captive blasting, surface grinding or similar.

Weak or damaged concrete must be removed, then replaced with a suitable repair compound from the **MasterEmaco** or **MasterBrace** range of products.

Surface conditioning / priming

The prepared surface must be conditioned to receive the **MasterSeal M 866** by the application of **MasterTop P 650** or **MasterTop P 651**.

MIXING

Mix the PTA and PTB components of the **MasterSeal M 866** together using a slow speed (400 rpm) drill with a spiral mixing head. Work the mixer round the mixing pail to ensure it scrapes the side and bottom of the pail. Pour the part mixed material into a clean pail and re-mix for a further 30 seconds.

PLACING / APPLICATION

Car Park Applications:

For specific details and system build-up please refer to the relevant method statement and technical data for **MasterSeal Traffic 1332** and **MasterSeal Traffic 1342**.

Roof Applications:

For specific details and system build-up please refer to the relevant method statement and technical data for **MasterSeal Roof 2166**.

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COVERAGE / YIELD

From 0.5 kg/m² to 1.5 kg/m² dependent upon application.

Contact Master Builders Solutions Technical Department for clarification prior to application.

STORAGE AND SHELF LIFE

Store under cover out of direct sunlight and protect from extremes of temperature. In tropical climates the product must be stored in an air conditioned environment.

The shelf life is 6 months in unopened containers in cool and dry conditions.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage advice consult Master Builders Solutions Technical Services Department.

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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NOTE

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