

# MasterSeal<sup>®</sup> 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.

### PRIMARY USES

**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 25kg units.

### COVERAGE

From 0.5kg/m<sup>2</sup> to 1.5kg/m<sup>2</sup> dependent upon application. Contact BASF CC UAE Technical Department for clarification prior to application.

### STANDARD

ASTM C957

### TYPICAL PROPERTIES\*

|                            |                    |
|----------------------------|--------------------|
| Pot Life at 25°C           | 45 minutes         |
| Tensile strength ASTM D412 | 6N/mm <sup>2</sup> |
| Elongation ASTM D412       | 100%               |

### GUIDE TO APPLICATION

#### 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 A and B 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.

### APPLICATION & MIXING

#### 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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## SHELF LIFE

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

## STORAGE

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.

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

## NOTE

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local BASF representative.

BASF reserves the right to have the true cause of any difficulty determined by accepted test methods.

## QUALITY AND CARE

All products originating from BASF's 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, ISO 14001 and ISO 45001.

\* Properties listed are based on laboratory controlled tests.

® = Registered trademark of the BASF-Group in many countries.

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### STATEMENT OF RESPONSIBILITY

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### NOTE

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