

## PRODUCT DATA SHEET

# Sikalastic® M 266 R ME

(formerly MSeal M 266)

Two-component polyurethane roof waterproofing coating

## DESCRIPTION

Sikalastic® M 266 R ME is a two-component, polyurethane, liquid applied, roof waterproofing coating. The resulting membrane is an elastomeric waterproofing. Suitable for use in hot and tropical climatic conditions.

## USES

Sikalastic® M 266 R ME may only be used by experienced professionals.

Sikalastic® M 266 R ME is recommended for waterproofing and damp proofing applications on roofs.

## FEATURES

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

## PRODUCT INFORMATION

<b>Packaging</b>	Part A: 8 kg Part B: 20 kg
<b>Shelf life</b>	12 months from date of production
<b>Storage conditions</b>	Store in undamaged, unopened, original sealed packaging in dry conditions at temperatures between +5°C and +35°C. Protect from direct sunlight, heat and moisture.
<b>Solid content by volume</b>	≥ 90 %

## TECHNICAL INFORMATION

<b>Tensile strength</b>	Tensile Strength	~3 N/mm <sup>2</sup>	(ASTM D412)
	Elongation at break	~700 %	
<b>Tensile adhesion strength</b>	~1 N/mm <sup>2</sup>		(EN 1542)
<b>Water permeability</b>	Impermeable (tested at 0.3MPa/30 min.)		

# SYSTEM INFORMATION

## System structure

<u>Substrate</u>	<u>Primer</u>	<u>WP coating</u>
Concrete	Sikafloor®-151	Sikalastic® M 266 R ME
Spray Foam	N/A	Sikalastic® M 266 R ME

Note: For the primer consumption rates and waiting time / overcoating, refer to the appropriate Product Data Sheet. Other substrates must be tested for their compatibility. If in a doubt, apply a test area first.

- Where a superior performance is required the material can be reinforced with a layer of suitable mesh. Each coat encapsulating the mesh should be min. 1 mm thickness.
- All liquid applications should be applied in at least two coats to achieve the desired thickness.
- Please contact Sika Technical Services Department for assistance.

## Dry film thickness

Min. 1.2 mm

# APPLICATION INFORMATION

## Consumption

One 28 kg kit should cover ~16 m<sup>2</sup> for a 1.2 mm Dry Film Thickness (DFT).

This figure is theoretical and does not allow for any additional material due to surface porosity, surface profile, variations in level and wastage etc.

## Yield

~21.6 L / 28 kg kit

## Ambient air temperature

+5°C min. / +40°C max.

## Pot Life

~50 min at 25°C

## Tack free time

~8 hours at 25°C

## Drying time

~24 hours at 25°C

## BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## LIMITATIONS OF USE

- 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.
- After mixing of two components, material should be used within the gel time, this may vary depending on the temperature.

## FURTHER DOCUMENTATION

General Method Statement (GMS)

## IMPORTANT CONSIDERATIONS

- Installation work must only be carried out by Sika® trained and approved contractors, experienced in this type of application.
- Products must only be applied in accordance with their intended use.
- Do not apply indoor.
- Avoid application in direct sunlight and/or strong wind.
- Sikalastic® M 266 R ME is not suitable for permanent water immersion.
- Protect the system immediately after completion of installation works to prevent any damages.
- Sikalastic® M 266 R ME is not resistant to permanent UV exposure and weathering. It must always be protected against UV exposure within a defined period of time, 21 days maximum.

## ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

## APPLICATION INSTRUCTIONS

### SUBSTRATE QUALITY

The substrate should be smooth, clean, and free of laitance, grease, oils and standing water. Repairs to the substrate, filling of joints, blowholes/voids and surface leveling must be carried out using the appropriate Sika® products. Refer to Sika's Technical Department for further advice.

### MIXING

- Mix using an electric single or double paddle mixer and stirrer (300–400 rpm) or other similar equipment.
- The mixing should be carried out in a separate container.
- Part B should be poured in the separate container and Part A should be added while stirring/agitating the Part B.
- Mix Part A + B continuously for 2 minutes until a uniformly coloured mix has been achieved.

### APPLICATION

- Strictly follow installation procedures as defined in method statements, application manuals and working instructions which must always be adjusted to the actual site conditions.

### CLEANING OF EQUIPMENT

Clean all tools and application equipment with Thinner C after use. Hardened material can only be removed mechanically.

## LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

## LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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ISO 9001, 14001, 45001 – SGS  
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- Sika Gulf B.S.C. (c)  
- Sika MB Construction Chemicals for Manufacturing LLC  
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- Master Builders Solutions LLC

All products are supplied under a management system certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001, ISO 14001 and ISO 45001.



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