

# MasterSeal TC 256

## Two-component polyurethane UV resistant traffic coating

### MATERIAL DESCRIPTION

**MasterSeal TC 256** is a two-component elastomeric pigmented polyurethane coating designed for application as a topcoat on traffic deck systems. It has very good chemical, abrasion and UV resistance properties.

### PRIMARY USES

The high abrasion resistance of **MasterSeal TC 256** combined with its elasticity makes it suitable for use in car parks, both indoors and out.

**MasterSeal TC 256** may be used in the following applications:

NB This gives examples only and does not constitute a full and comprehensive list. For further information on application possibilities contact Master Builders Solutions.

- Pedestrian walk ways
- Light engineering workshops
- Car parks
- Vehicle ramps and Traffic aisles

### PACKAGING

**MasterSeal TC 256** is available in 25kg units.

### ADVANTAGES

- Excellent impact and abrasion resistance
- Elastomeric
- UV & weather resistant
- Good chemical and oil resistance

### TYPICAL PROPERTIES\*

@25°C	
Mixed density	1.30-1.40gm/cm <sup>3</sup> depending on colour
Pot life	50 minutes
Tack free time	approx. 2 hours
Foot traffic (initial cure)	48 hours
Application temperatures	+5°C to +35°C
Tensile strength ASTM D412	>10N/mm <sup>2</sup>
Elongation ASTM D412	200%
Tear resistance ASTM D1004	>30kN/m
Abrasion resistance ASTM C957	Loss of mass 50mg

### COVERAGE

From 0.3kg/m<sup>2</sup> per coat please refer to Master Builders Solutions Method Statements for project specific coverages.

### COLOURS

Basalt Grey, Other Colours available on request.

### APPLICATION

Mix the A and B components of the **MasterSeal TC 256** 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 remix for a further 30 seconds. Apply by roller or squeegee.

Apply a single coat or as a multi coat sandwich system incorporating aggregates to give a slip resistant finish. When applying as a topcoat or part of a multi coat system, do not exceed the maximum overcoating times of the previous coating.

Do not apply when the humidity exceeds 80%. Ensure that the substrate temperature is 3°C higher than the dew point.

If a maintenance coat has to be applied, thoroughly wash the existing **MasterSeal TC 256**. Allow to dry, then immediately prior to overcoating, wipe the surface with a cloth dampened with **MasterTop THN 2**.

### CHEMICAL RESISTANCE

**MasterSeal TC 256** is resistant to acids and alkalis of medium concentrations, mineral oil products and solvents. Contact your local Master Builders Solutions office for specific details.

### SHELF LIFE AND STORAGE

The shelf life is 6 months from date of manufacture in unopened containers in cool and dry conditions. Product should be stored in a shaded area, away from direct sunlight.

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### SAFETY PRECAUTIONS

Avoid any inhalation of vapour and contact with skin. Wear protective gloves and protective goggles.

In case of skin contact, rinse immediately with soap and water! In case of eye contact, bathe eyes with water at once, then consult a doctor.

Do not eat, do not smoke and do not use an open flame when handling the product. Observe the guidelines issued by the Employer's Liability Insurance Associations.

### NOTE

Technical support, where provided, does not constitute supervisory responsibility. For additional information contact your local MB Construction Chemicals Solutions South Africa (Pty) Ltd representative. MB Construction Chemicals Solutions South Africa (Pty) Ltd shall not be liable for technical advice provided.

MB Construction Chemicals Solutions South Africa (Pty) Ltd reserves the right to have the true cause of any difficulty determined by accepted test methods. Undertaking such tests is not, and shall not be deemed to be, an admission of liability or an assumption of any risk, loss, damage or liability.

### QUALITY AND RESPONSIBLE CARE

All products originating from MB Construction Chemicals Solutions South Africa (Pty) Ltd are manufactured under a management system independently certified to conform to the requirements of the quality standards ISO 9001, environmental and occupational health and safety standards.

\* Properties listed are based on laboratory controlled tests.

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