

MasterSeal[®] TC 256

Two-component polyurethane UV resistant traffic coating

DESCRIPTION

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

TYPICAL APPLICATIONS

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 Construction Chemicals UAE LLC.

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

ADVANTAGES

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

PACKAGING AND COLORS

MasterSeal TC 256 is available in 25 kg units.

The standard colors are:

Basalt Grey, Black Grey, May Green, Oxide Red, Brilliant Blue, Light Grey, Traffic Grey, Reseda Green

TYPICAL PROPERTIES* @ 25°C

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

APPLICATION GUIDELINES

Mix the PTA and PTB 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.

When applying **MasterSeal TC 256** as a top coat or part of a multi coat system incorporating aggregates to give a slip resistant finish, 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 a suitable thinner (Xylene / MEK / Acetone).

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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.

COVERAGE / YIELD

From 0.4-0.6 kg/m² single coat only.

STORAGE AND SHELF LIFE

The shelf life is 12 months in unopened containers in cool and dry conditions.

Product should be stored in a shaded area, away from direct sunlight.

HEALTH AND SAFETY

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.

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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STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this Master Builders Solutions publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by Master Builders Solutions either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not Master Builders Solutions, are responsible for carrying out procedures appropriate to a specific application.

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Disclaimer: the TUV mark relates to certified management system and not to the product mentioned on this datasheet



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