

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.

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 BASF 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

COLOURS

The standard colours are:
Basalt Grey, Black Grey, May Green, Oxide Red, Brilliant Blue, Light Grey, Traffic Grey, Reseda Green

PACKAGING

MasterSeal TC 256 is available in 25kg units.

COVERAGE

From 0.4-0.6kg/m² single coat only.

TYPICAL PROPERTIES* @ 25°C

Mixed density	1.30-1.40gm/cm ³ 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 ²
Elongation ASTM D412	200%
Tear resistance ASTM D1004	>30kN/m
Abrasion resistance ASTM C957	Loss of mass 50mg

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.

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 **MasterTop THN 2**.

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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 BASF office for specific details.

SHELF LIFE AND STORAGE

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

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

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

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 OHSAS 18001.

* Properties listed are based on laboratory controlled tests.

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STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this BASF 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 BASF either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not BASF, are responsible for carrying out procedures appropriate to a specific application.