

# MasterTop<sup>®</sup> TC 449

## Two-component polyurethane UV-resistant line marking coating

### DESCRIPTION

**MasterTop TC 449** is a two-component pre-pigmented polyurethane line marking coating.

### ADVANTAGES

- For interior and exterior use
- Developed to give good adhesion to concrete and various resin substrates
- Excellent abrasion resistance
- Good resistance against water and oil
- Quick drying
- Easy to apply

### PACKAGING AND COLORS

**MasterTop TC 449** is supplied in 5 kg (4 L) and 22.5 kg (18 L) units and available in yellow, black and white.

### TYPICAL PROPERTIES\* @ 25°C

Mixed density	1.25 g/cm <sup>3</sup>
Pot life ASTM D2471	60 min
Tack free time	approx. 2 h
Foot traffic (initial cure)	12-24 h (depend on ambient temperature)
Application temperature	10°C to 35°C
Abrasion resistance ASTM C957	50 mg

### APPLICATION GUIDELINES

**MasterTop TC 449** is normally applied onto, but not restricted to, **MasterTop** products, or as part of the **MasterSeal Traffic 1300 / MasterTop 1200** series car park deck coating systems or bare concrete.

For details of the application, please refer to Master Builders Solutions Method Statement.

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 **MasterTop TC 449**. Allow to dry, then immediately prior to overcoating, wipe the surface with a cloth dampened with a suitable thinner (Xylene / MEK / Acetone).

### COVERAGE / YIELD

From 0.025 kg per linear meter (100mm Wide) - Approx. 100 microns DFT.

### STORAGE AND SHELF LIFE

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

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

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## 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.

® = Registered trademark of the MBCC Group in many countries.

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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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