

# MasterSeal<sup>®</sup> Traffic 1332

## Polyurethane, waterproofing and protective traffic-deck coating system

### DESCRIPTION

**MasterSeal Traffic 1332** is a UV stable polyurethane based multi-layered car park decking system for exposed and intermediate traffic decks where crack bridging and waterproofing properties are required.

- **MasterTop P 651** - Is a high grade; high-build, three-component epoxy primer and surface sealer.

**Note: For more dense, less porous substrates, use MasterTop P 650 primer - please contact the Master Builders Solutions Technical Services Department for further clarifications regarding primer choice.**

- **MasterTop P 650** - Is a high grade; low-viscosity, two-component epoxy resin primer and substrate sealer.
- **MasterTop SR 2 or MasterTop SR 3** - A graded, high purity quartz aggregate with a particle size in the range 0.3-0.7mm or 0.3-0.9mm respectively. Used as a multi action: mechanical key, wear enhancer and to provide skid resistance, its use is the means by which thickness is attained with economy for the various wearing conditions such as: in traffic lanes, ramps and turning areas.
- **MasterSeal M 866** - Is a two-component solvent free polyurethane membrane suitable for use in trafficked coating systems that require crack bridging capability.
- **MasterSeal TC 240** - Is a single component polyurethane coating designed for application as an intermediate coat in the **MasterSeal Traffic** deck systems  
It is possible to replace **MasterSeal TC 240** with **MasterSeal TC 242**.
- **MasterSeal TC 242** - A two component polyurethane coating designed for application as an intermediate coat in the **MasterSeal Traffic** deck systems or as an integral membrane.
- **MasterSeal TC 258** - Is a single component polyurethane coating designed for application as a topcoat on traffic deck systems. It provides a UV-resistant, hard-elastic surface resistant to general and vehicle related chemical spillage and abrasion. It is possible to replace **MasterSeal TC 258** with **MasterSeal TC 257**.
- **MasterSeal TC 257** - Is a two-component hardwearing pigmented polyurethane coating designed for application as a topcoat on traffic

deck systems. It provides a UV-resistant, hard-elastic surface resistant to chemicals and abrasion.

- **MasterTop TC 443LM** - Is a single component, water-based, line marking coating formulated from high performance ester/acrylic hybrid polymers for concrete, asphalt, steel, epoxy and polyurethane substrates applications.
- **MasterTop TC 449** - Is a two-component pre-pigmented polyurethane line marking coating.

For specific details and system build-up please refer to the relevant method statement and technical data.

### PRIMARY USES

- Car park decks (exposed and intermediate)
- Ramps
- Heavy duty turning areas

### PACKAGING

<b>MasterTop P 651</b>	-	25.4kg
<b>MasterTop P 650</b>	-	15kg
<b>MasterTop SR 2</b>	-	25kg
<b>MasterTop SR 3</b>	-	25kg
<b>MasterSeal M 866</b>	-	25kg
<b>MasterSeal TC 240</b>	-	25kg
<b>MasterSeal TC 242</b>	-	25kg
<b>MasterSeal TC 258</b>	-	24kg
<b>MasterSeal TC 257</b>	-	22.5kg
<b>MasterTop TC 443LM</b>		20kg
<b>MasterTop TC 449</b>		5kg & 22.5kg

### COLOURS

A range of colours are available on request.

### STANDARDS

Tested for the following properties in line with ASTM C957:

Abrasion resistance - ASTM C501 (modified)

Crack bridging - ASTM C1305 (modified)

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## SURFACE PREPARATION

The surface to be coated must be clean, dry free of laitance, oil, grease or any substance that may impair adhesion.

The preferred methods of surface preparation are captive blasting, surface grinding or similar.

Weak or damaged concrete must be removed and replaced with a suitable repair compound from the **MasterEmaco** or **MasterProtect** range of products. Surface defects should be repaired using **MasterTop 2200** or other suitable repair compounds from the **MasterProtect** or **MasterEmaco** range.

## APPLICATION TEMPERATURE

The quality of the final coating is dependent on the substrate and the material temperatures, we recommend a substrate temperature of min. +12°C and max. +35°C.

## CHEMICAL RESISTANCE

**MasterSeal TC 257** and **MasterSeal TC 258** are 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

Please refer to Master Builders Solutions Method Statements or Master Builders Solutions Technical Department for project specific coverages for applications such as:

- a. Smooth finish
- b. Driving lanes and parking bays
- c. Turning areas and ramps

Please contact the Master Builders Solutions Technical Services Department for further clarifications regarding primer choice.

## STORAGE

Store under cover out of direct sunlight and protect from extremes of temperature.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage advice consult Master Builders Solutions Technical Services Department.

## HEALTH AND SAFETY

For further information, a material safety data sheet is available to the specialist applicator.

## 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.

® = 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

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