

MasterSeal[®] Traffic 1342

Polyurethane, waterproofing and protective traffic-deck coating system

DESCRIPTION

MasterSeal Traffic 1342 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 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 242** - A two component solvent-free polyurethane coating designed for application as an intermediate coat in the **MasterSeal Traffic** deck systems.
- **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.
- **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

MasterTop P 650	-	15kg
MasterTop SR 2	-	25kg
MasterTop SR 3	-	25kg
MasterSeal M 866	-	25kg
MasterSeal TC 242	-	25kg
MasterSeal TC 256	-	25kg
MasterTop TC 443LM	-	20kg
MasterTop TC 449	-	5kg & 22.5kg

COLOURS

A range of colours are available on request.

STANDARDS

Complies to ASTM C957
EN 13501-5:2005+A1:2009 – Classified B_{roof} (t4)
Fire performance tests and classification as per BS EN ISO 9239-1, 11925-2 and 13501-1 & 5.

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.

Refer to the Method Statement for details of the application.

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.

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

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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

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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