

MasterSeal Traffic 1342

Polyurethane, waterproofing and protective traffic-deck coating system

MATERIAL 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 1200** - Is a high grade; lowviscosity, two-component epoxy resin primer and substrate sealer.
- **MasterTop SR 3** - A graded, high purity quartz aggregate with a particle size in the range 0.3-0.9mm. Used as a multi action: mechanical key, wear enhancer and to provide skid resistance, it's 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 top coat on traffic deck systems. It has very good chemical, abrasion and UV resistance properties.

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 1200	-	12.4 kg
MasterTop SR 3	-	25 kg
MasterSeal M 866	-	25 kg
MasterSeal TC 242	-	25 kg
MasterSeal TC 256	-	25 kg

COLOUR

A range of colours are available on request.

COVERAGE

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 clarification regarding primer choice.

STANDARDS

Complies to ASTM C957

EN 13501-5:2005: +A1:2009 – Classified Broof (t4)

Fire performance tests and classification as per

BS EN ISO 9239-1, 11925-2 and 13501-1 & 5.

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.

SURFACE TEMPERATURE

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.

MasterSeal Traffic 1342

Polyurethane, waterproofing and protective traffic-deck coating system

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.

STORAGE

Store under cover, out of direct sunlight and protect from extremes of temperatures. Shelf life is 12 months from date of manufacture when stored in undamaged, unopened packaging.

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.

SAFETY PRECAUTIONS

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

NOTE

Technical support, where provided, does not constitute supervisory responsibility. For additional information contact your local MB Construction Chemicals Solutions South Africa (Pty) Ltd representative. MB Construction Chemicals Solutions South Africa (Pty) Ltd shall not be liable for technical advice provided.

MB Construction Chemicals Solutions South Africa (Pty) Ltd reserves the right to have the true cause of any difficulty determined by accepted test methods. Undertaking such tests is not, and shall not be deemed to be, an admission of liability or an assumption of any risk, loss, damage or liability.

QUALITY AND RESPONSIBLE CARE

All products originating from MB Construction Chemicals Solutions South Africa (Pty) Ltd are manufactured under a management system independently certified to conform to the requirements of the quality standards ISO 9001, environmental and occupational health and safety standards.

* Properties listed are based on laboratory controlled tests.

DISCLAIMER

The technical information and application advice given in this MB Construction Chemicals Solutions South Africa (Pty) Ltd 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.