**MasterSeal® Traffic 1330**

Polyurethane, protective traffic-deck coating system

### DESCRIPTION

**MasterSeal Traffic 1330** is a UV stable, multi-layered, durable, polyurethane deck coating system providing a seamless and protective, wear resistant, profiled surface. **MasterSeal Traffic 1330** is pigmented, allowing improved aesthetics and the demarcation of pedestrian and traffic areas, for safety and improved traffic flow. **MasterSeal Traffic 1330** has been tested for crack bridging in accordance with ASTM C836. **MasterSeal Traffic 1330** may consist of the following BASF UAE products -

- **MasterTop P 650** - Is a high grade, low-viscosity, 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 TC 240** - Is a single component polyurethane coating designed for application as an intermediate coat in the MasterTop 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.
- **MasterTop TC 444** – A tough, surface applied pigmented line marking coating.

**NB:** It is possible to replace **MasterSeal TC 240** (single component polyurethane coating) with **MasterSeal TC 242** (two component polyurethane coating). For specific details and system build-up please refer to the relevant method statement and technical data.

### PRIMARY USES

**MasterSeal Traffic 1330** may be specified as a protective trafficable wear resistant membrane for a variety of applications including:-

- Car park decks
- Trafficable flat roofs
- Traffic ramps
- Plant rooms
- Sports stadia and grandstand waterproofing coatings
- Balconies
- Protection of concrete from the damaging effects of salt water, chemicals, fuel and oil spillage.

**MasterSeal Traffic 1330** may be applied at varying thicknesses dependant upon quantity and rate of traffic – please refer to BASF Technical department for project specific coverages.

### PACKAGING

<table>
<thead>
<tr>
<th>Product</th>
<th>Weight</th>
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</thead>
<tbody>
<tr>
<td>MasterTop P 650</td>
<td>15kg</td>
</tr>
<tr>
<td>MasterTop SR 3</td>
<td>25kg</td>
</tr>
<tr>
<td>MasterSeal TC 258</td>
<td>24kg</td>
</tr>
<tr>
<td>MasterSeal TC 240</td>
<td>25kg</td>
</tr>
<tr>
<td>MasterTop TC 444</td>
<td>18 litres</td>
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</tbody>
</table>

### COVERAGE

<table>
<thead>
<tr>
<th>Product</th>
<th>Coverage Range</th>
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<tbody>
<tr>
<td>MasterTop P 650</td>
<td>0.15-0.30kg/m² depending on surface texture and porosity.</td>
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<tr>
<td>MasterTop SR 3</td>
<td>0.6kg-2.0kg dependent on application</td>
</tr>
<tr>
<td>MasterSeal TC 240</td>
<td>From 0.35kg/m² per coat</td>
</tr>
<tr>
<td>MasterSeal TC 258</td>
<td>0.4kg/m² per coat (anti-slip) 0.3kg/m² per coat (smooth)</td>
</tr>
</tbody>
</table>

**NB:** Please refer to BASF CC UAE LLC Method Statements
MasterSeal® Traffic 1330

STANDARDS
Complies to ASTM C957 : 1993 when tested in accordance with:
ASTM C501: 1990
ASTM C794: 1993

Tensile test to ASTM D412 after exposure in accordance with: ASTM G53, ASTM B117.


Tested for Abrasion Resistance in accordance with: ASTM C501.

Tested for Fire Resistance in accordance with; Swiss Fire Class, Fume Class 1 Resistance to flying fire and heat radiation (DIN 4102-B2).

SURFACE PREPARATION AND PRIMING
The surface to be coated must be clean, dry free of laitance, oil, grease or any substance that may impair adhesion.
The preferred method of surface preparation are captive blasting, surface grinding or similar.

Weak or damaged concrete must be removed, then replaced with a suitable repair compound from the MasterEmaco or MasterBrace range of products.

Surface defects should be repaired using MasterTop 2200 or other suitable repair compounds from the MasterBrace or MasterEmaco range.

PRIMING:
Mix and apply MasterTop P 650 surface conditioner to the prepared dust free surface at approximately 0.15-0.30kg/m². Into the wet primer, scatter 0.6-2.0kg/m² MasterTop SR 3.

Note: If a smooth surface finish is required, omit the aggregate scatter.
Allow to cure.

APPLICATION INTERMEDIATE COAT
MasterSeal TC 240 or MasterSeal TC 258 should be stirred before use to ensure uniformity of colour.

Apply by roller or airless spray to the primed tack free surface.

Apply at a minimum rate of 0.35-0.4kg/m² per coat.

An additional intermediate coat is required for ramps and turning areas applied at the rate of 0.4kg/m² (1 coat).

NB Please refer to BASF Method Statements or Technical Department for project specific coverages.

a. Smooth pedestrian coating
b. Driving lanes and parking bays
c. Turning areas and ramps

Do not apply when the humidity exceeds 90%. Ensure that the substrate temperature is 3°C higher than the dew point.
## MasterSeal® Traffic 1330

### APPLICATION TOP COAT

**MasterSeal TC 258** should be stirred before use to ensure uniformity of colour.

Apply by roller or airless spray to the tack free coated surface.

Apply at the rate of 0.3-0.4kg/m² (in 1 coat) with a minimum of 0.4kg/m² for vehicular traffic and 0.3kg/m² for pedestrian traffic. **MasterSeal TC 258** can be applied as a smooth coat, or as a multi coat sandwich system incorporating aggregates to give a slip resistant finish. When applying as a top coat or part of a multi coat system, do not exceed the maximum overcoating times of the previous coating.

**NB** Please refer to BASF Method Statements or BASF Technical Department for project specific coverages.

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

Do not apply when the humidity exceeds 90%. Ensure that the substrate temperature is 3°C higher than the dew point.

### SAFETY PRECAUTIONS

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

### 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 BASF Products are manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational health and safety standards of ISO 9001 and BASF ESHQ recommendations.

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### CHEMICAL RESISTANCE

**MasterSeal TC 258** is resistant to acids and alkalis of medium concentrations, mineral oil products and solvents. Contact your local BASF office for specific details.

### 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 BASF’s Technical Services Department.

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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.

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