

MasterSeal® Traffic 2000 HD

Heavy Duty Wear Resistant Crack-bridging Waterproofing system for Trafficable Decks

DESCRIPTION

Master Traffic 2000 HD is a liquid applied, crack bridging traffic deck waterproofing system based on advanced polymeric materials. It consists of a primer, a spray applied elastomeric polyurethane/Polyurea hybrid waterproofing membrane, a polyurethane wear coat and a polyurethane top coat. The seamless coating has an attractive, skid resistant, UV and weather resistant finish which is easy to clean and maintain. It is resistant to petrol, diesel oil, battery acid, de-icing salts and alkaline cleaners.

RECOMMENDED USES

Master Traffic 2000 HD is intended for use on exposed decks and ramps where maximum crack bridging and wear resistance are required. **Master Traffic 2000 HD** is also used on intermediate decks underneath which are offices, sales rooms, storerooms etc.

FEATURES AND BENEFITS

- **Fast return to service** – Trafficable after 48 hours of system installation
- **Crack bridging** - Copes with existing and newly formed cracks
- **Easy application** – Simple Roller application without any special equipment
- **Monolithic** - No welds laps or seams
- **Separate wearcoat** - Excellent wear resistance & long term protection of water proofing membrane
- **Skid resistant** – Profile can be altered to suit needs
- **UV and weather resistant** – Suitable for external application
- **Chemical Resistant** - Performance not affected due to spillage of fuels, battery acid, alkaline cleaners
- **Low dirt retention and colors available** – Aesthetic, easy to clean and maintain

SYSTEM BUILD UP

Master Traffic 2000 HD is multi-layered system and is composed of

1. Primer
2. Optional Adhesion Promoter
3. Membrane
4. Wear coat
5. Topcoat

Primer:

Low viscosity, Non-solvented, Two component rapid curing PU Primer **MasterTop P 660**

Two component, solvent free, fast setting epoxy primer **MasterEmaco P 2525 / MasterSeal P 2525**

Adhesion Promoter

Single component, Solvented, Clear, Moisture curing Polyurethane based adhesion promoter for epoxy primed areas **MasterSeal P 691** (*Optional to obtain superior adhesion in high traffic areas*)

Membrane:

1. Hand applied, solvent free, two-component self-levelling polyurethane based elastomeric membrane for horizontal surfaces **MasterSeal M 860**
2. Hand applied, solvent free, two-component thixotropic polyurethane based elastomeric membrane for sloped surfaces like Ramps etc **MasterSeal M 861**

Wear Coat:

Hand applied, solvent free, two-component fast curing, thixotropic polyurethane based wear coat **MasterSeal M WC 880/881**

Top Coat:

Low solvent, pigmented, single component, moisture curing, UV and weather resistant, protective top coat **MasterSeal TC 258**

Low viscosity, Pigmented, Elastic, two component UV stable top coat **MasterSeal TC 268**

Please refer to the individual technical datasheets of the components for other details.

The consumption rates for the individual components are as given below:

Layer	Product	Consumption (Kg/m ²)
Primer	MasterEmaco P 2525	0.3 – 0.5
Alternate	MasterSeal P 2525	
Alternate	MasterTop P 660	
Broadcast	Oven dried Silica Sand (0.3 – 0.8mm)	0.8 – 1.0
Adhesion Promoter ¹	MasterSeal P 691	0.05 – 0.1
Membrane		

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Horizontal	MasterSeal M 860	2.5 – 3.0
Ramps	MasterSeal M 861	2.1 – 2.5
Wear Coat	MasterSeal M 880	0.4 – 0.7
Alternate	MasterSeal M 881	
Broadcast	Oven dried Silica Sand (0.3 – 0.8mm)	2.0 – 4.0
Top Coat	MasterSeal TC 268	0.4 – 0.7
Alternate	MasterSeal TC 258	0.5 – 0.8
Total thickness approx. 4.0 - 4.5mm		
<i>1 only for epoxy primers</i>		
Consumption figures are a guide only and may be higher in rough or porous substrates.		

APPLICATION

For detailed, product specific application instructions, see individual product technical data sheets.

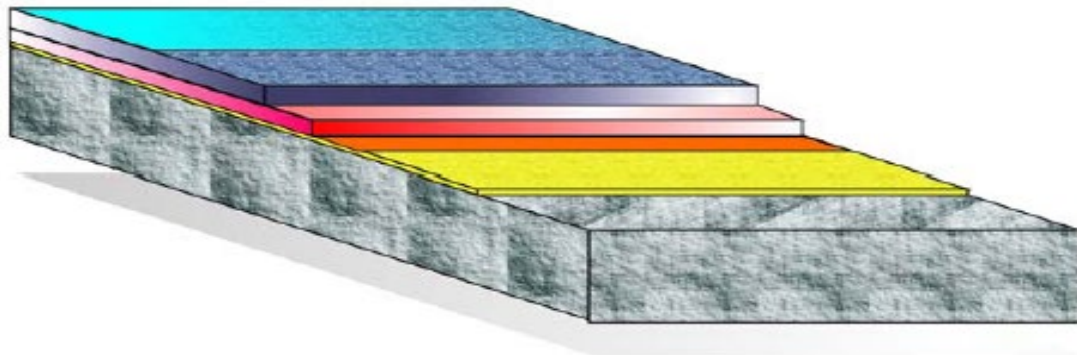
MAINTENANCE

Regular cleaning and maintenance will prolong the life of all resin coatings, enhance the appearance and reduce the tendency to pick up dirt. Specialized floor cleaning equipment and chemicals are available and the suppliers are able to offer advice on appropriate cleaning regimes

PRECAUTIONS

For the full health and safety hazard information and how to safely handle and use this product, please make sure that you obtain a copy of the Master Builders Solutions Material Safety Data Sheet (MSDS) from our office or our website.

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For Concrete Substrates			Consumption
■	Primer	MasterEmaco P 2525 or MasterSeal P 2525	0.3 – 0.5kg/m ²
	Broadcast	Oven dried silica sand, size 0.3 - 0.8mm	0.8 – 1.0kg/m ²
	Alternate	MasterTop P 660	0.3 – 0.5kg/m ²
■	Adhesion Prometer*	MasterSeal P 691	0.05 – 0.1kg/m ²
■	Membrane - Horizontal	MasterSeal M 860	2.5 - 3.0 kg/m ²
	Alternate - Ramps	MasterSeal M 861	2.1 – 2.5 kg/m ²
■	Wear Coat	MasterSeal M 880/ M 881	0.4 – 0.7kg/m ²
	Broadcast	Oven dried silica sand, size 0.3 - 0.8mm	2.0 – 4.0kg/m ²
■	Top Coat	MasterSeal TC 268	0.4 – 0.7kg/m ²
	Alternate	MasterSeal TC 258	0.5 – 0.8kg/m ²
Total Thickness of System			4 – 4.5 mm

*Over epoxy primers only

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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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