

MasterSeal[®] Traffic 2500 HD

Heavy duty, Crack-bridging, Fast setting Waterproofing system for Trafficable decks

DESCRIPTION

MasterSeal Traffic 2500 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 waterproofing membrane, a fast setting polyurethane wear coat and a polyaspartic or 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

MasterSeal Traffic 2500 HD is intended for use on exposed decks and ramps where maximum crack bridging and wear resistance are required

MasterSeal Traffic 2500 HD can be made very fast return to service by choosing different components.

MasterSeal Traffic 2500 HD is also used on intermediate decks underneath which are offices, sales rooms, storerooms etc.

MasterSeal Traffic 2500 HD is ideal for refurbishment of existing parking decks where faster return to service is important.

FEATURES AND BENEFITS

- **Fast return to service** – Open to traffic in 18-24 hours after system installation
- **Crack bridging** - Copes with existing and newly formed cracks
- **Easy application** – Spray application making detailing simple even for upstands etc.
- **Monolithic** - No welds laps or seams
- **Separate wearcoat** - Excellent wear resistance and Long term protection of 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
- **Very low dirt retention and colors available** – Aesthetic and 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:

Two component solvent free, highly reactive waterproofing membrane that can only be applied by special, two component spray equipment **MasterSeal M 800 / M 820**

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**

Fast and Low temperature curing, pigmented, glossy, UV stable, Non-yellowing elastic top coat **MasterSeal TC 681**

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

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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	MasterSeal M 800	1.8 – 2.4
Alternate	MasterSeal M 820	
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
Alternate	MasterSeal TC 681	0.6 – 0.9
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.

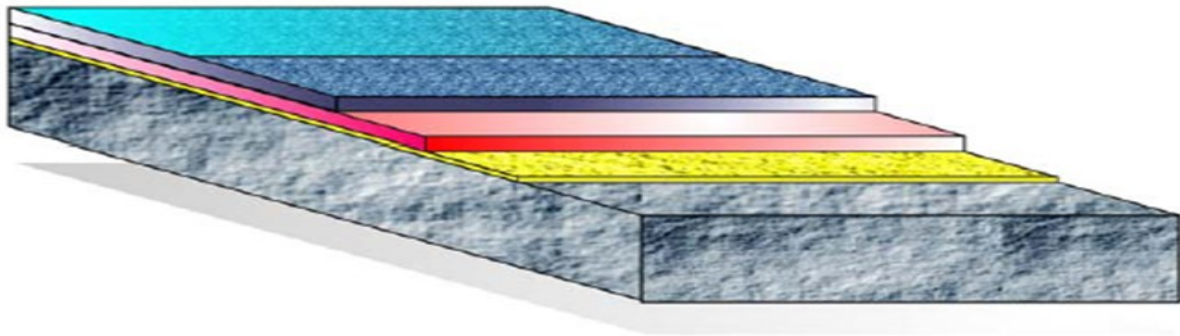
MAINTENANCE

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	MasterSeal M 800	1.8–2.4 kg/m ²
	Alternate	MasterSeal M 820	
■	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
	Alternate	MasterSeal TC 681	0.9–0.9kg/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

Field service where provided does not constitute supervisory responsibility. Suggestions made by Master Builders Solutions either orally or in writing may be followed, modified, or rejected by the owner, engineer or contractor since they, and not Master Builders Solutions, are responsible for carrying out procedures appropriate to a specific application.

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