

MasterSeal[®] Traffic 2000 HD

High traffic deck crack bridging waterproofing system

DESCRIPTION

MasterSeal Traffic 2000 HD is a liquid applied, crack bridging traffic deck waterproofing system based on advanced polymeric materials. It consists of a primer, a hand 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

MasterSeal Traffic 2000 HD is suitable for shopping centre carparks or public parking areas with high traffic densities.

MasterSeal Traffic 2000 HD is intended for use on exposed decks and ramps where maximum crack bridging and wear resistance are required.

MasterSeal Traffic 2000 HD is also used on intermediate decks underneath which are offices, sales rooms, storerooms etc.

FEATURES AND BENEFITS

- **Fast return to service** - can be driven on 48 hours after system installation
- **Crack bridging** - new and old cracks
- **Separate waterproofing membrane and wear coats** - long term protection of membrane and ease of repair
- **Monolithic** - no welds laps or seams
- **Separate wearcoat** - excellent wear resistance
- **Slip resistant** – profile can be altered to suit needs
- **UV and weather resistant** – suitable for external application
- **Chemical resistant** - to chemicals found in car parks fuels, battery acid, alkaline cleaners
- **Very low dirt retention and colours available** – aesthetic and easy to clean and maintain

SYSTEM BUILD UP

Master Traffic 2000 HD is composed of:

MasterEmaco 2525 – 2 component solvent free moisture tolerant epoxy primer;

MasterTop P 692 (optional to obtain superior adhesion in high traffic areas) – a clear, polyurethane adhesion promoter.

MasterSeal M 210 SL/TIX – 2 component hand applied polyurethane/polyurea hybrid solvent and filler free membrane;

MasterSeal M 882 – a solvent free, 3 component, polyaspartic wear coat;

MasterSeal TC 465 – a UV resistant, single pack polyurethane, top coat.

Primer Broadcasting	MasterEmaco 2525	0.3 – 0.5L/m ²
	MasterTop Filler F5 or oven dried silica sand, (0.3-0.8mm)	0.8 – 1.0kg/m ²
Optional Adhesion Promoter	MasterTop P 692	0.05-0.1L/m ²
Membrane	MasterSeal M 210 SL/TIX	1.7-2.2 L/m ² WFT
Wear Coat Broadcasting	MasterSeal M 882	0.4 – 0.7kg/m ²
	Ucrete Filler F10 or oven dried silica sand, (0.3-0.8mm)	2.0 – 4.0kg/m ²
Top Coat	MasterSeal TC 465	0.5 – 0.8kg/m ²

Total thickness approx. 4.0-5.0mm

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 as well as the **MasterSeal Traffic 2000 HD** application guide.

MAINTENANCE

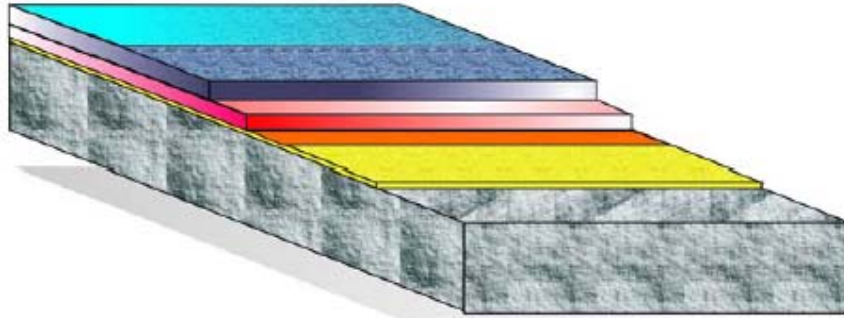
Regular cleaning and maintenance will prolong the life of all resin coatings, enhance the appearance and reduce the tendency to pick up dirt.







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 BASF Safety Data Sheet (SDS) from BASF office or website.

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	Primer	MasterEmaco 2525	0.3 – 0.5L/m ²
	Sand Broadcast	MasterTop Filler F5 or oven dried silica sand, (0.3-0.8mm), uniformly applied, not in excess	0.8 – 1.0kg/m ²
	Adhesion Promoter*	MasterTop P 692 clear, PU, single component	0.05 – 0.1L/m ²
	Membrane	MasterSeal M 210 SL/Tix pigmented hand applied single component solvent free	1.7-2.2 L/m ² WFT
	Adhesion Promoter**	MasterTop P 692 clear, PU, single component	0.05 – 0.1L/m ²
	Wear Coat	MasterSeal 882, pigmented, Polyaspartic, 3 component, solvent free	1.4 – 2.5m ² /L
	Sand Broadcast	Ucrete Filler F10 or oven dried silica sand, (0.3-0.8mm)	2.0 – 4.0kg/m ²
	Top Coat	MasterSeal TC 465, pigmented, PU, single component, elastic, UV and weather resistant	0.5 – 0.8kg/m ²
Total Thickness of System			4.0 – 5.0mm

** Over epoxy primers only and for increased adhesion in high traffic areas

** Over membrane if inter-coat adhesion time exceeded or rain or dew has fallen

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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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