

MasterSeal® Traffic 2500 HD

Heavy duty traffic deck crack-bridging waterproofing system

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 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 is suitable for shopping centre carparks or public parking areas with high traffic densities.

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.

FEATURES AND BENEFITS

- **Fast return to service system available** - can be driven on in 18-24 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.
- **Easy application** – spray application making detailing simple.
- **Monolithic** - no welds laps or seams.
- **Separate wearcoat** - excellent wear resistance to rubber tyred vehicles.
- **Skid 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

MasterSeal Traffic 2500 HD is composed of:

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

MasterTop P 688 – a fast return to service epoxy primer

MasterSeal P 692 adhesion promoter (optional see application guide)

MasterSeal M 820 – a spray applied, fast setting, 2 component, elastomeric, polyurethane/polyurea hybrid, solvent and filler free, waterproofing membrane.

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

MasterSeal TC 465- single component UV stable polyurethane topcoat.

MasterSeal 1260- two component polyaspartic pigmented topcoat for fast return to service.

Primer Broadcasting	MasterEmaco 2525	0.3 – 0.5L/m ²
	MasterTop P 688 MasterTop Filler F5 or oven dried silica sand, (0.3-0.8mm)	0.8 – 1.0kg/m ²
Optional Adhesion Promoter	MasterTop P 692 (optional where high traffic load is likely)	0.05-0.1kg/m ²
Membrane	MasterSeal M 820	1.8 – 2.4kg/m ²
Wear Coat Broadcasting	MasterSeal M 882	0.4 – 0.7kg/m ²
	Ucrete Filler F10 or F20 recommended or oven dried sand size 0.3- 0.8mm or 0.8-1.5mm	2.0 – 4.0kg/m ²
Top Coat	MasterTop 1260 MasterSeal TC 465	0.4 – 0.6kg/m ² 9-11m ² /L

Total thickness approx. 4.0-4.5mm

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 **MasterSeal Traffic 2500 HD** application guide.

MAINTENANCE

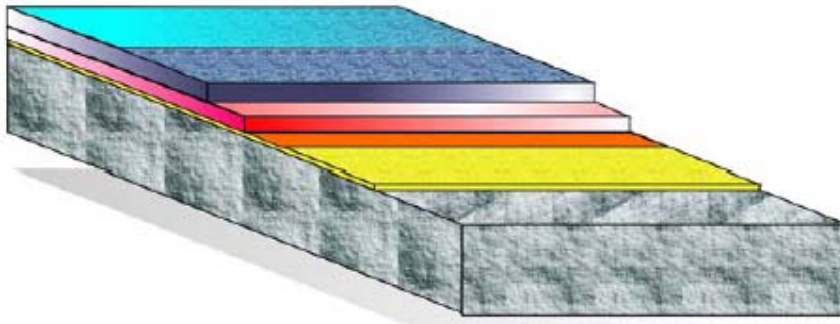
Regular cleaning and maintenance will prolong the life of all resin coatings, enhance the appearance and reduce the tendency to pick up dirt. Specialized floor cleaning equipment and







MasterSeal[®] Traffic 2500 HD

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's (SDS) from our office or our website.



	Primer	MasterEmaco 2525	0.3 – 0.5L/m ²
	Sand Broadcast	MasterTop P 688 MasterTop Filler F 5 or oven dried silica sand, size 0.3-0.8mm uniformly applied, not in excess	0.8 – 1.0kg/m ²
	Adhesion promoter *	MasterSeal P 692 clear, PU, single component	0.05 – 0.1kg/m ²
	Membrane	MasterSeal M 820 , pigmented, PU/PUR, spray applied, 2 component, solvent free	1.8 – 2.4kg/m ²
	Adhesion promoter **	MasterSeal P 692 clear, PU, single component	0.05 – 0.1kg/m ²
	Wear Coat	MasterSeal M 882 , pigmented, Polyaspartic, 3 component, solvent free	1.4 – 2.5m ² /L
	Sand Broadcast	Ucrete Filler F10 or F20 or oven dried silica sand, size 0.3- 0.8mm or 0.8-1.5mm	2.0 – 4.0kg/m ²
	Top Coat	MasterSeal TC 465 single component PU UV stable topcoat MasterTop 1260 , pigmented, Polyaspartic, two component, elastic, UV and weather resistant (for fast track)	0.4 – 0.6kg/m ² 9-11m ² /L
Total Thickness of System			4.0 – 4.5mm

* Over epoxy primers for heavy traffic areas

** If the membrane has been rained on or there has been a heavy dew or the membrane has been exposed for more than 48 hours

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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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