

# MasterSeal<sup>®</sup> Roof 3500

## Crack bridging, Spray applied Waterproofing system for Roofs

### DESCRIPTION

**MasterSeal Roof 3500** is a liquid applied, crack bridging roof waterproofing system based on advanced polymeric materials. It consists of a primer, an elastomeric waterproofing membrane, and an UV resistant top coat. The seamless coating has an attractive, UV and weather resistant finish which is easy to clean and maintain.

### RECOMMENDED USES

**MasterSeal Roof 3500** is intended for use on exposed roof slabs. **MasterSeal Roof 3500** is also used on slabs with pedestrian traffic.

### FEATURES AND BENEFITS

- **Crack bridging** – Copes with existing and newly formed cracks
- **UV and Weather Resistant** – Durable and Long life
- **Easy to apply** – no pre-stripping of cracks or joints
- **Reactive Spray application** – Faster & Easier application over large areas
- **Liquid Applied** – Easy to apply over complex shapes
- **Versatile** - Can be applied to variety of substrates using selected primers
- **Attractive appearance** – colors available

### SYSTEM BUILD UP

**MasterSeal Roof 3500** is multi-layered system and is composed of

1. Primer
2. Membrane
3. Topcoat

**Primer:** Selection of right primer depends upon the substrate to which membrane is being applied. Use the following table to select the right primer

Substrate	Primer
Concrete / Cementitious Screed	MasterEmaco P 2525
	MasterSeal P 2525
	MasterTop P 1602
	MasterTop 1140
Bitumen Felt	MasterSeal P 698
Asphalt Screed	MasterTop P 660
Plywood	MasterTop P 660 / 691
GRP / GFK	MasterSeal P 691
Iron and Steel	MasterSeal P 681
Non-Ferrous Metal	MasterSeal P 684
Aged MasterSeal Membranes	MasterSeal P 691

**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:** Single component low solvent, pigmented, moisture curing, UV and weather resistant, protective top coat based on high quality aliphatic polyurethane prepolymers.

### MasterSeal TC 258 / 259

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 <sup>2</sup> )
Primer	MasterEmaco P 2525	0.3 – 0.5
Alternate	MasterSeal P 2525	
Broadcast	Oven dried Silica Sand (0.3 – 0.8mm)	0.8 – 1.0
Membrane	MasterSeal M 800	1.5 – 2.5
Alternate	MasterSeal M 820	
Top Coat*	MasterSeal TC 258	0.5 – 0.8
Alternate	MasterSeal TC 259	0.2 – 0.3
* Topcoat is applied in two layers.		
Total thickness approx. 2.0mm		
Consumption figures are a guide only and may be higher in rough or porous substrates.		

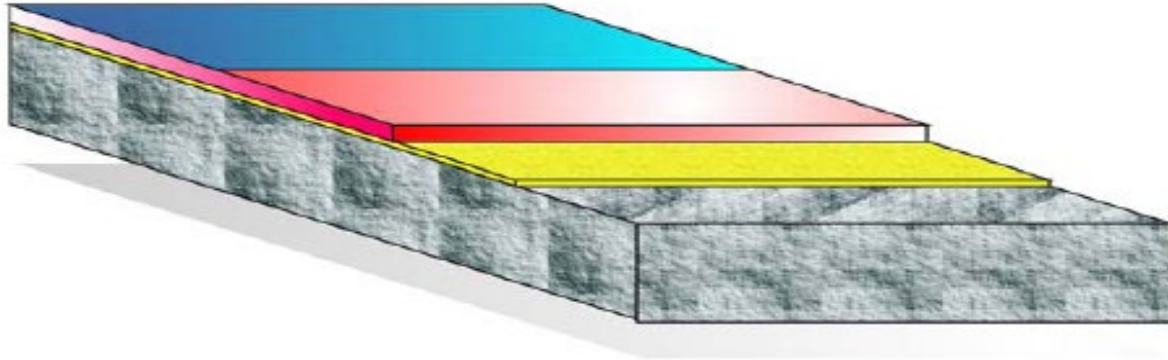
### APPLICATION




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

### 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.

# MasterSeal<sup>®</sup> Roof 3500



For Concrete Substrates			Consumption
	Primer	MasterEmaco P 2525 or MasterSeal P 2525	0.3 – 0.5kg/m <sup>2</sup>
	Broadcast	Oven dried silica sand, size 0.3 - 0.8mm	0.8 – 1.0kg/m <sup>2</sup>
	Membrane	MasterSeal M 800	1.8 - 2.4 kg/m <sup>2</sup>
	Alternate	MasterSeal M 820	
	Top Coat	MasterSeal TC 258	0.5 –0.8kg/m <sup>2</sup>
	Alternate	MasterSeal TC 259	0.2 –0.3kg/m <sup>2</sup>
<b>Total Thickness of System</b>			<b>min. 2mm</b>

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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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