

# MasterSeal® Roof 3500

Roof slab crack-bridging waterproofing system

## 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 polyurethane/polyurea hybrid waterproofing membrane, and a polyurethane 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
- **Long life** - UV and weather resistant
- **Easy to apply** – no pre-stripping of cracks or joints, Spray application of the membrane.
- **Attractive appearance** – colours available
- **Easy to clean and maintain** - Very low dirt retention

## SYSTEM BUILD UP

**MasterSeal Roof 3500 is composed of MasterEmaco P 2525 or MasterSeal P 2525** Epoxy primers

**MasterSeal M 800/820 or MasterSeal M 860/861** – 2 component, elastomeric, polyurethane polyuria hybrid, solvent and filler free, waterproofing membrane.

**MasterSeal TC 258 / 259/ 225** – a UV resistant, polyurethane, top coat.

Primer Broadcasting	MasterEmaco P 2525 or MasterSeal P 2525	0.3 - 0.5kg/m <sup>2</sup>
	Oven dried silica sand, (0.3-0.8mm)	0.8 - 1.0kg/m <sup>2</sup>
Membrane	MasterSeal M 800/820	1.8 – 2.4kg/m <sup>2</sup>
	MasterSeal M 860	2.0 – 2.7kg/m <sup>2</sup>
	MasterSeal M 861	1.5 – 2.1kg/m <sup>2</sup>
Top Coat	MasterSeal TC 258 /259/225	0.5 – 0.8kg/m <sup>2</sup>

Total thickness approx. 2.0mm min

Consumption figures are a guide only and may be higher in rough or porous substrates.

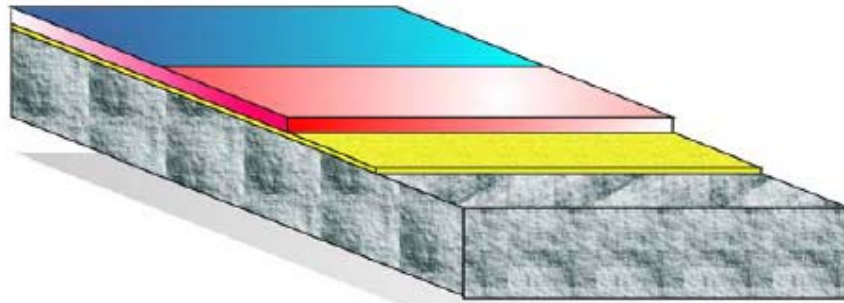
## APPLICATION




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 BASF Material Safety Data Sheet (MSDS) from our office or our website.

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			Consumption
	Primer	MasterEmaco P 2525 or MasterSeal P 2525	0.3 – 0.5kg/m <sup>2</sup>
		Oven dried silica sand, size 0.3-0.8mm uniformly applied, not in excess	0.8 – 1.0kg/m <sup>2</sup>
	Membrane	MasterSeal M800/820 pigmented, PU/PUR, 2 component, solvent free, Spray applied	1.8 - 2.4 kg/m <sup>2</sup>
		MasterSeal M 860/ 861, pigmented, PU/ PUR, 2 component, solvent free, hand applied	2.0 - 2.7 kg/m <sup>2</sup> (1.5 – 2.1)kg/m <sup>2</sup>
	Top Coat	MasterSeal TC 258/TC 259, TC 225, pigmented, PU, single component, contains solvent, highly elastic, UV and weather resistant	0.5 –0.8kg/m <sup>2</sup>
Total Thickness of System			min. 2mm

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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.

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