

MasterSeal® Roof 3000

(Named as MasterSeal Roof 2164 Europe)

Liquid applied crack bridging waterproofing membrane for exposed situations

DESCRIPTION

MasterSeal Roof 3000 is a liquid applied, crack bridging roof waterproofing system based on advanced polymeric materials. It consists of a primer, an elastomeric polyurethane waterproofing membrane, and a polyurethane topcoat. The seamless coating has an attractive, UV and weather resistant finish which is easy to clean and maintain.

MasterSeal Roof 3000 is a crack bridging, elastomeric, hand applied waterproofing membrane according to EOTA-guidelines, ETAG 005-06, ETA 09/0396

RECOMMENDED USES

MasterSeal Roof 3000 is intended for use on exposed roof slabs. **MasterSeal Roof 3000** is also used on slabs with light pedestrian traffic.

FEATURES AND BENEFITS

- **Crack bridging** – Copes with existing cracks
- **Long life** - UV and weather resistant
- **Easy to apply** – using roller or squeegee and simple pre-stripping of cracks or joints,
- **Attractive appearance** – colors available
- **Easy to clean and maintain** - Very low dirt retention

SYSTEM BUILD UP

MasterSeal Roof 3000 is a multi-layered Roof waterproofing system consisting of:

1. Primer
2. Membrane
3. Topcoat

Primer:	One component PU primer: MasterSeal P 640 Or Two component Xolotec technology based primer: MasterSeal P 770(N) Two component epoxy based primer MasterEmaco 2525
Membrane:	One Component Flexible and Elastic Polyurethane Membrane, MasterSeal M 640
Topcoat:	One Component aliphatic Polyurethane Topcoat, MasterSeal TC 640.

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 ²)
Primer	MasterSeal P 640*	0.2 ~ 0.25
Alternative Primer	MasterSeal P 770 (N)*	0.25 ~ 0.30
	MasterEmaco 2525 Broadcast dried Silica Sand (0.3 – 0.8mm)	0.3 ~ 0.5 0.8 – 1.0
Membrane	MasterSeal M 640	1.5 ~ 2.5
Topcoat	MasterSeal TC 640	0.15 – 0.2
Total thickness approx. 2.0mm		
Consumption figures are a guide only and may be higher in rough or porous substrates. *: When take MasterSeal P 640 and MasterSeal p 770 (N) as primer, sand broadcast is not required.		

APPLICATION

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

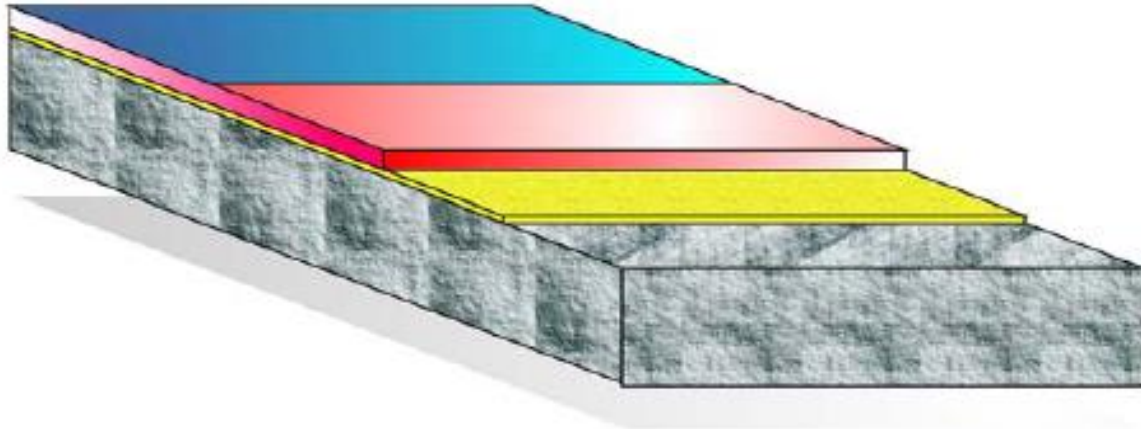
PRECAUTIONS




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.

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System Build Up:



For Concrete Substrates	Product Name	Consumption
 Primer	MasterSeal P 640	0.2 ~ 0.25 kg/ m ²
	Alternative: MasterSeal P 770 (N)	0.25 ~ 0.30 kg/ m ²
	Alternative: MasterEmaco 2525 Oven dried silica sand, size 0.3-0.8mm uniformly applied, not in excess	0.3 ~ 0.5kg/m ² 0.8 ~ 1.0kg/m ²
 Membrane	MasterSeal M 640 body coat Solvented, moisture cured elastomeric polyurethane	1.5 ~ 2.5 kg/m ²
 Topcoat	MasterSeal TC 640	0.15 ~ 0.2 kg/m ²
Total Thickness of System		1.1 ~ 2.2mm

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CE-MARKING ETAG 005	
	
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Master Builders Solutions Espana S.L.U Ctra del Mig 219, E-08907 L 'Hospitalet de Llobregat	
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464001	
ETAG 005 – Part 6	
Liquid applied roof waterproofing kits based on polyurethane resin	
Water vapour diffusion resistance factor μ	1830
Resistance to wind loads	>50 kPa
Resistance to spreading fire and radiant heat	NPD
Reaction to fire	Class E
Statement on dangerous substances	Does not contain any
Working Life	W2
Climatic zones	M and S
Imposed loads	P1 to P3
Roof slope	S1 to S4
Lowest surface temperature	TL3
Highest surface temperature	TH 3

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MAP#MasterTSeal Roof 3000 v3. 01. 2023

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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