

# MasterSeal 6100

Sustainable waterproofing system based on a one component elastic, lightweight and low consumption, cementitious polymer modified membrane. For water retention structures, basements and exposed surfaces.



- 1.- Bonding slurry
- 2.- Membrane
- 3.- Concrete repair
- 4.- Joint Sealing
- 5.- Covings

Product	Thickness approx.	Consumption approx.
<b>1. Primer</b>		
Bonding slurry	0,5 mm	0,5 kg/m <sup>2</sup>
<b>MasterSeal 6100 FX</b> Sustainable, one component, low consumption elastic membrane, for high performance waterproofing of concrete structures		
<b>2. Membrane</b>		
Membrane	1 coat: 1,5 mm	1 coat: 1,4 kg/m <sup>2</sup>
<b>MasterSeal 6100 FX</b> Sustainable, one component, low consumption elastic membrane, for high performance waterproofing of concrete structures		

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Product	Volume approx.	Consumption approx.
<b>3. Concrete Repair</b>		
If concrete substrate shows corrosion related or other damages, concrete repair procedure will be necessary before the application of the waterproofing system. Check relevant SBU or TDS for more detailed information about MasterEmaco concrete repair systems.		
<b>4. Joint Sealing (where required)</b>		
Backer rod	<b>MasterSeal 920</b> Backer rod for joint sealing	- 1 m/m
Joint Sealing	<b>MasterSeal NP 474</b> Single-component, non-sag, tough, pick-resistant, high modulus polyurethane joint sealant for floors and walls	20 x 10 mm 200 ml/m
<b>5. Horizontal Covings</b>		
	<b>MasterSeal 920</b> Backer rod for joint sealing	- 1 m/m
Wall-to-floor junctions' treatment	<b>MasterSeal 912</b> Single component, polymer-based, hydros swelling mastic for waterproofing of construction joints.	20 mm thick 0,2 – 0,5 l/m
	<b>MasterSeal 920</b> Backer rod for joint sealing	- 1 m/m
	<b>MasterSeal 590</b> Fast setting mortar to create covings and plug active leaks	According Application 2,0 kg/dm <sup>3</sup>
<b>5. Vertical Covings</b>		
Wall-to-wall junctions' treatment	<b>MasterSeal 590</b> Fast setting mortar to create covings and plug active leaks	According Application 2,0 kg/dm <sup>3</sup>

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**Sustainable waterproofing system based on a one component elastic, lightweight and low consumption, cementitious polymer modified membrane. For water retention structures, basements and exposed surfaces.**

### APPROVALS AVAILABLE

- **MasterSeal 6100 FX:**
  - CE mark according to EN 1504-2
  - AbP acc. BRL A, Teil 2, lfd. Nr. 2.49 Ausgabe 2015/2
  - UNI 8289-8 Negative Pressure
  - EN ISO 16000-9: Indoor air: Determination of the emission on volatile organic compounds from building products and furnishing.
  - BENOR Certificate acc. PTV-BB-562 and EN 1504-2



Certificate number **BB-562-24047-0095-001**  
 Certification Institute **BCCA**

Additional information in the Technical Data Sheets.

### CE MARKING

 <b>0749, 0767</b>	
<b>Master Builders Solution Belgium nv</b> Nijverheidsweg 89, B-3945 Ham 11  <b>BE0015/02</b>  <b>MasterSeal 6100 FX (BE0015/02)</b> <b>EN 1504-2:2004</b>  Elastic and flexible cementitious waterproofing and protective coating EN 1504-2 Principles 1.3 / 2.2 / 5.1 / 8.2	
Adhesion strength by pull off test	≥ 1,5 N/mm <sup>2</sup>
Abrasion resistance	AR1
Adhesion after thermal compatibility with de-icing salt influence (50) and thunder shower cycling (10)	≥ 1,5 N/mm <sup>2</sup> No bubbles, cracks and delamination
Capillary absorption and permeability to water	w < 0,1 kg/m <sup>2</sup> h <sup>0.5</sup>
Crack bridging ability (A)	A4 (+23°C) A3 (-10°C)
Crack bridging ability (B)	B3.1 (-10°C) B3.1 (+23°C)
Impact resistance	Class I
Permeability to CO <sub>2</sub>	S <sub>D</sub> > 50 m
Reaction to fire	Class E
Water vapour permeability	Class I
Dangerous substances	Comply with 5.3 of EN 1504-2

### DISCLAIMER

In view of widely varying site conditions and fields of application of our products, this technical data sheet is meant to provide general application guidelines only. This information is based on our present knowledge and experience. The customer is not released from the obligation to conduct careful testing of suitability and possible application for the intended use. The customer is obliged to contact the technical help-line for fields of application not expressly stated in the technical data sheet under "Fields of Application". Use of the product beyond the fields of application as stated in the technical data sheet without previous consultation with Master Builders Solutions and possible resulting damages are in the sole responsibility of the customer. All descriptions, drawings, photographs, data, ratios, weights i.e. stated herein can be changed without advance notice and do not represent the condition of the product as stipulated by contract. It is the sole responsibility of the recipient of our products to observe possible proprietary rights as well as existing laws and provisions. The reference of trade names of other companies is no recommendation and does not exclude the use of products of similar type. Our information only describes the quality of our products and services and is no warranty. Liability is accepted for incomplete or incorrect particulars in our data sheets only in the event of intent or gross negligence, without prejudice to claims under product liability laws.

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