






MasterSeal 6686

Waterproofing system based on a two component elastic hand applied polyurea membrane for concrete surfaces exposed to chemical or mechanical loads.

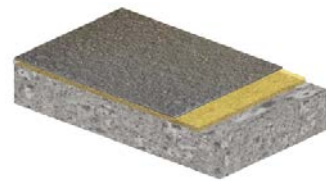
		Consumption
	Primer	
	MasterSeal P 770 2-component Xolutec primer, white-translucent,	0.25-0.4 kg/m ²
	Sand broadcast	
	oven dried silica sand, size 0.3-0.8 mm in excess	1.0-1.2 kg/m ²
	Scratch coat (optional)	
	MasterSeal P 770 1:0,5 or 1 : 1 filled with oven dried silica sand size 0.1 – 0.3 mm	1.0-1.8 kg/m ^{2*}
	Sand broadcast	
	oven dried silica sand, size 0.3-0.8 mm or 0.6 – 1.2 mm, in excess	3.0-5.0 kg/m ²
	Membrane	
	MasterSeal M 686 2-component elastic PUA, pigmented, total solid, semy glossy finish	2.3-2.6 kg/m ²
	Total thickness of the system	approx. 2.5 mm**

Note: Consumptions are indicative and may be higher, depending on substrate roughness, temperature and porosity, as well as waste produced during application.

* Consumption incl. filler

** The system consumption and system layer thicknesses vary according to country-specific guidelines and standards.

°° Sand broadcasting just necessary if re-coating intervals must be exceeded (e.g. by raining)



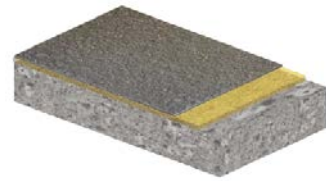
MasterSeal 6686

Waterproofing system based on a two component elastic hand applied polyurea membrane for concrete surfaces exposed to chemical or mechanical loads.

CE-marking (EN 1504-2)

CE	
1119	
BASF Coatings GmbH Donnerschweer Str. 372, D-26123 Oldenburg	
17	
468601	
EN 1504-2:2004	
Surface protection product - coatings EN 1504-2: ZA.1d, ZA.1f and ZA.1g	
Abrasion resistance	≤ 3000 mg
Permeability to CO ₂	Sd > 50
Permeability to water vapour	Class II
Capillary absorption and permeability to water	< 0.1 kg/(m ² xh ^{0.5})
Thermal compatibility after freeze-thaw cycling	NPD
Resistance to severe chemical attack	Reduction of hardness < 50 %
Crack bridging ability	B4.1 (-10 °C) A5 (-10 °C)
Impact resistance	Class I
Adhesion strength by pull-off test	≥ 1.5 N/mm ²
Reaction to fire	NPD
Skid resistance	NPD

NPD: No performance determined



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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 BASF and possible resulting damages are in the sole responsibility of the customer.

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2. Edition 10 2017.