




MasterSeal Roof 2689

Crack-bridging, spray applied, mechanically, chemically and highly wear resistant 2-C-Polyurea waterproofing system, ETA-17/0508 accor. to ETAG 005 part 6

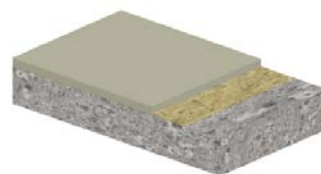
Fields of application: waterproofing of flat roofs, reservoirs, secondary containment, water structures, infrastructure

			Consumption Approx.
	Primer	MasterSeal P 770 (for concrete) (depends on substrate, consult Technical Service please)	0.3 – 0.5 kg/m ²
	Waterproofing Liquid applied	MasterSeal M 689 Pigmented, 2-component 100% pure Polyurea, spray applied	min. 2.4 kg/m ²
	Topcoat (optional)	MasterSeal TC 269 Pigmented, two component, UV- and weather resistant, elastic PU topcoat, solvent containing	1 x 0.15-0.20 kg/m ²

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

The waterproofing system fulfills the requirements regarding following properties (approved internally and externally):

Property	Referring to:	Unit	Result
Shore-A-Hardness	DIN 53505		95
Shore-D-Hardness	DIN 53505		45
Tensile strength	DIN 53504	N/mm ²	21
Elongation	DIN 53504	%	425
Tear strength	DIN 53515	N/mm	58
Fire behaviour floor	DIN EN 13501-1		C _{FL} -S1
Fire behaviour roof	DIN EN 13501-5		Broof-T4
Water vapour permission rate	DIN 53122	g/mm(m ²)(24 h)	16.5
Taber abrasion	DIN 53516	mg	140




MasterSeal Roof 2689

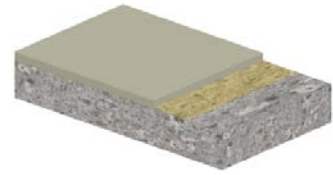
Crack-bridging, spray applied, mechanically, chemically and highly wear resistant 2-C-Polyurea waterproofing system, ETA-17/0508 accor. to ETAG 005 part 6

Fields of application: waterproofing of flat roofs, reservoirs, secondary containment, water structures, infrastructure

CE-MARKING (EN 1504-2)

	
1119	
BASF Coatings GmbH Donnerschweer Str. 372, D-26123 Oldenburg	
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468901	
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
Permability to water vapour	Class I
Capillary absorption and permeability to water	< 0.1 kg/(m ² xh ^{0.5})
Thermal compatibility after freeze-thaw cycling	≥ 1.5 N/mm ²
Resistance to severe chemical attack	Reduction of hardness < 50 %
Crack bridging ability	B 4.2 (-20° C)
Impact resistance	Class III
Adhesion strength by pull-off test	≥ 1.5 N/mm ²
Reaction to fire	C _{fi} -s1 Broof-t4
Skid resistance	NPD

NPD = No performance determined



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Crack-bridging, spray applied, mechanically, chemically and highly wear resistant 2-C-Polyurea waterproofing system, ETA-17/0508 accor. to ETAG 005 part 6

Fields of application: waterproofing of flat roofs, reservoirs, secondary containment, water structures, infrastructure

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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