

Sikafloor[®]-390 ECF

DECLARATION OF PERFORMANCE

No. 93967459

1	UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE:	93967459
2	INTENDED USE/S	Surface protection products – Coating Protection against ingress (1.3) Regulation of the moisture balance (2.2) Physical resistance (5.1) Resistance to chemicals (6.1) Increasing electrical resistance (8.2)
3	MANUFACTURER:	Sika Deutschland GmbH Kornwestheimer Str. 103 - 107 70439 Stuttgart
4	AUTHORISED REPRESENTATIVE:	
5	SYSTEM/S OF AVCP:	EN 1504-2: System 2+ (for uses in buildings and civil engineering works) EN 1504-2: System 3 (for uses subject to reaction to fire regulations)
6a	HARMONISED STANDARD:	EN 1504-2:2004
	Notified body/ies:	0921 1508

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18.02.2019 , ver. 3
1008

7 DECLARED PERFORMANCE/S Tested as a part of a system build-up with Sikafloor®-161, Sikafloor®-220 W and Sikafloor®-390 ECF (with 20% quartz sand 0,1-0,3mm)

Essential Characteristics	Performance	AVCP	Harmonised Technical Specification
Linear shrinkage:	NPD	System 2+	
Compressive strength:	NPD	System 2+	
Thermal expansion coefficient:	NPD	System 2+	
Abrasion resistance (Taber test) ¹⁾ :	weight loss < 3000 mg	System 2+	
Cross cut:	NPD	System 2+	
Permeability to CO ₂ :	s _D > 50 m	System 2+	
Water vapor permeability:	Class III	System 2+	
Capillary absorption and permeability to water:	w<0,1 kg/(m ² x h ^{0,5})	System 2+	
Thermal compatibility:	NPD	System 2+	
Resistance to thermal shock	NPD	System 2+	
Chemical resistance:	NPD	System 2+	EN 1504-2:2004
Resistance to severe chemical attack ²⁾ :	Class II	System 2+	
Crack bridging ability:	NPD	System 2+	
Impact resistance:	Class I	System 2+	
Adhesion strength by pull off test:	≥ 2,0 (1,5) ³⁾ N/mm ²	System 2+	
Reaction to fire ⁴⁾ :	B _{fl}	System 3	
Skid resistance:	NPD	System 2+	
Artificial weathering:	NPD	System 2+	
Antistatic behavior:	NPD	System 2+	
Adhesion on wet concrete:	NPD	System 2+	
Release of dangerous substances:	NPD	System 2+	

¹⁾ Additionally the requirements according to EN 13813 have to be fulfilled

²⁾ Please refer to the Sikafloor Chemical Resistance Chart

³⁾ The value in brackets is the lowest accepted value of any reading.

⁴⁾ Min. classification, please refer to the individual test certificate.

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**8 APPROPRIATE TECHNICAL DOCUMENTATION AND/OR -
SPECIFIC TECHNICAL DOCUMENTATION**

Name : Anders Beier
Function: General Manager
At Farum on 12 November 2019



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Name : Lasse Jakobsen
Function: Senior Technical Manager
At Farum on 12 November 2019



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End of information as required by Regulation (EU) No 305/2011

RELATED DECLARATION OF PERFORMANCE

Product name	Harmonised standard	DoP number
Sikafloor®-390 ECF	EN 13813:2002	68330370

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DIN EN 1504-2:2004

DoP No. 93967459

Sika Deutschland GmbH, Stuttgart

Notified Body 0921, 1508

Surface protection products – Coating: Protection against ingress (1.3)
Regulation of the moisture balance (2.2) Regulation of the moisture balance (2.2)
Physical resistance (5.1) Resistance to chemicals (6.1) Increasing electrical resistance (8.2)

Abrasion resistance (Taber test):	weight loss < 3000 mg
Permeability to CO ₂ :	s _D > 50 m
Water vapor permeability:	Class III
Capillary absorption and permeability to water:	w < 0,1 kg/(m ² x h ^{0,5})
Resistance to severe chemical attack:	Class II
Impact resistance:	Class I
Adhesion strength by pull off test:	≥ 2,0 (1,5)N/mm ²
Reaction to fire:	B _{fl}

<http://dop.sika.com>

ECOLOGY, HEALTH AND SAFETY INFORMATION (REACH)

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety related data.

LEGAL NOTE

Any information or suggestions for use concerning Sika's products, which we either in writing or orally have given buyers or endusers of the product have been given in good faith based on our own experiences and based of approved praxis and the technological and scientific knowledge on the time of giving such suggestions and information, which are given without any type of guarantees, and which do not lead to any further responsibility from Sika Danmark A/S, besides what is stated in the sales agreement in question. The buyer or end-user should themselves investigate or otherwise make sure that our products are suitable for the use in question and further make sure that the products are kept and used correct and in agreement with the published rules and considering the actual conditions in order to avoid damages or less satisfactory results. Any order is accepted and any deliverance is affected according to the general terms of sales and delivery from Sika Danmark A/S, which are considered known and accepted, and which could be handed out when asked for. Our catalogues are not up-dated automatically. The present product data sheet is only for use in Denmark. Values stated in the present product data sheet should be seen as recommended, unless stated otherwise.

FOR FURTHER INFORMATION:

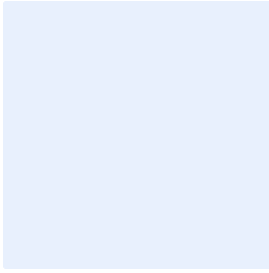
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