

Sikasil® SG-20

DECLARATION OF PERFORMANCE

No. 15323048

1	UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE:	15323048
2	INTENDED USE/S	ETA-06/0090/ ETAG 002, edition 2000, used as European Assessment Document (EAD) Structural sealant for use in structural sealant glazing systems
3	MANUFACTURER:	Sika Services AG Tüffenwies 16-22 8064 Zürich
4	AUTHORISED REPRESENTATIVE:	
5	SYSTEM/S OF AVCP:	System 1 for SSGS kit Types II and IV, System 2+ for SSGS kit Types I and III
6b	EUROPEAN ASSESSMENT DOCUMENT:	ETAG 002, edition 2000, used as European Assessment Document (EAD)
	European Technical Assessment:	ETA-06/0090 of 13/01/2016
	Technical Assessment Body:	Centre Scientifique et Technique du Bâtiment (CSTB)
	Notified body/ies:	0757

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7 DECLARED PERFORMANCE/S

Basic requirements for construction works		
BWR1	Mechanical resistance and stability	NPD
BWR2	Reaction to fire	NPD
BWR3	Dangerous substances	NPD
BWR4	Design stress in tension σ_{des}	0.17 MPa
	Design stress in dynamic shear τ_{des}	0.12 MPa
	Design shear stress under permanent load Γ_{∞}	0.012 MPa
	Elastic modulus in tension or compression E_0	1.05 MPa
	Elastic modulus in shear tangential to G_0	0.35 MPa
	Secant stiffness in tension at 12.5% elongation $K_{12.5}$	2.1 MPa
	Resistance to tearing	1.1 Use category 1
	Colour	black / grey / white
	Skinning time at 23°C, 50 % RH	approx. 15 min
	Tack free time at 23°C, 50 % RH	approx. 160 min
	Curing time at 23°C, 50 % RH	≈ 2.5 mm / 24 h ≈ 4.5 mm / 72 h
BWR5	Protection against noise	NPD
BWR6	Thermal conductivity λ	0.35 W/(m K)
BWR7	Sustainable use of natural resources	NPD

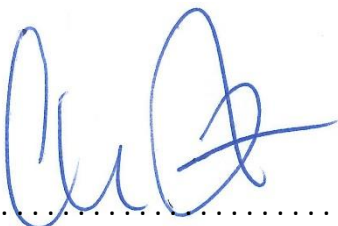
8 APPROPRIATE TECHNICAL DOCUMENTATION AND/OR - SPECIFIC TECHNICAL DOCUMENTATION

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

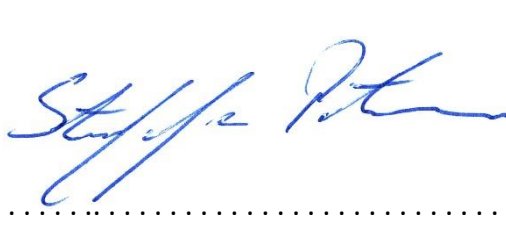
Signed for and on behalf of the manufacturer by:

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

Name : Steffan Petersen
Function: Head Industry
At Farum on 12 November 2019



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

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CE MARKING

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Sika Services AG, Zurich, Switzerland	
15323048	
ETAG 002 Part 1 Edition November 1999 (Revised March 2012) used as EAD	
Notified Body 0757	
Structural sealant for use in structural sealant glazing systems	
Design stress in tension σ_{des}	0.17 MPa
Design stress in dynamic shear τ_{des}	0.12 MPa
Design shear stress under permanent load Γ_{∞}	0.012 MPa
Elastic modulus in tension or compression E_0	1.05 MPa
Elastic modulus in shear tangential to G_0	0.35 MPa
Secant stiffness in tension at 12,5% elongation $K_{12.5}$	2.1 MPa
Resistance to tearing	1.1 Use category 1
Colour	black / grey / white
Skinning time at 23°C, 50 % RH	approx. 15 min
Tack free time at 23°C, 50 % RH	approx. 160 min
Curing time at 23°C, 50 % RH	≈ 2.5 mm / 24 h ≈ 4.5 mm / 72 h
Thermal conductivity λ	0.35 W/(m K)
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.

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Sika Danmark A/S
Hirsemarken 5
3520 Farum
Denmark
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BUILDING TRUST

