BUILDING TRUST

Sikasil® IG-25

DECLARATION OF PERFORMANCE
No. 41500570

1	**UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE:**	41500570
2	**INTENDED USE/S**	ETA-05/0068/ ETAG 002 Part 1 Edition November 1999 (Revised March 2012) used as EAD Structural sealant for use in Insulating glass units
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:**	Guideline for European technical approval of "Structural sealant glazing systems", ETAG 002 Edition November 1999 (Revised March 2012) Part 1: "Supported and unsupported systems", ETAG 002-1, used as European Assessment Document (EAD) according to Article 66 Paragraph 3 of Regulation (EU) No 305/2011.
	European Technical Assessment:	ETA-05/0068 of 20/01/2016
	Technical Assessment Body:	Deutsches Institut für Bautechnik (DIBt)
	Notified body/ies:	0757

7 DECLARED PERFORMANCE/S

3.1 Mechanical resistance and stability (BWR 1)

Requirements with respect to the mechanical resistance and stability of non-load bearing parts of the works are under the Essential Requirement safety in use, Section 3.4. Indications for design calculation see Annex 1

Basic requirements for construction works		
BWR1	Mechanical resistance and stability	See BWR4
BWR2	Reaction to fire	NPD
BWR3	Dangerous substances	NPD
BWR4	Design stress in tension σ_{des}	0.14 MPa
	Design stress in dynamic shear τ_{des}	0.101 MPa
	Design stress in static shear τ_{∞}	0.01 MPa
	Characteristic stress at rupture-tension $R_{u,5}$	0.84 MPa
	Characteristic stress at rupture-dynamic shear $R_{u,5}$	0.61 MPa
	Modulus of elasticity in tension or compression tangential to the origin E_0	2.2 MPa
	Modulus of elasticity in shear tangential to the origin G_o	0.73 MPa
	Working time (at 23°C, 50% R.H.)	20 minutes
	Tack-free time (at 23°C, 50% R.H.)	180 to 300 minutes
	Time before transport of the bonded frame	3 days
	Specific mass (mixed at 13/1 ratio) V_{mean}	1.36 g/cm^3
	Hardness Shore A	Mean of 42 (minimum of 34)
	Thermogravimetric analysis	Curve kept in the technical file of the European Technical Assessment
	Colour	Black
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 07 April 2020

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Name : Steffan Petersen
Function: Head Industry
At Farum on 07 April 2020

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

CE MARKING

CE
05
Sika Services AG, Zurich, Switzerland
41500570
ETAG 002 Part 1 Edition November 1999 (Revised March 2012) used as EAD
Notified Body 0757
Structural sealant for use in Insulating glass units

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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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Denmark
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