



## **DECLARATION OF PERFORMANCE**

### **No SNF\_DOP\_002**

1. Unique identification code of the product-type:

**DOWSIL™ 993 Structural Glazing Sealant**

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

**Effective from 19 February 2014**

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

**Structural sealant glazing systems**

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

**Dow Europe GmbH  
Bachtobelstrasse 3  
8810 Horgen  
Switzerland**

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

**N/A**

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

**System 1+**

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

**N/A**

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8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

**UBatc**

issued:

**BCCA 0749**

on the basis of:

**ETA 01/0005**

9. Declared performance

Essential Characteristics	Declared Performance	Harmonized Technical Specification
Specific mass	1.33 (mixed ration 10:1)	ETAG last version
Hardness A	Mean of 36 Shore A	ETAG last version
Design stress in tension	0.14 MPa	ETAG last version
Design stress in dynamic shear	0.11 MPa	ETAG last version
Design stress in static shear	0.011 MPa	ETAG last version
Elastic modulus in tension ( $E_0$ )	1.4 MPa	ETAG last version
Elastic modulus in shear Tangential to the origin ( $G_0$ )	0.47 MPa	ETAG last version
Working time (25°C, 50%RH)	10–30 min	ETAG last version
Tack free time (25°C, 50%RH)	80–100 min	ETAG last version
Time before transport of the bonded frame	Min 10 days	ETAG last version
Tensile strength, H-Bar (ALU-GL), 23°C-50RH + 1 d H <sub>2</sub> O	> 0.70 MPa	ETAG last version
COH. Failure 100%, H-Bar (ALU-GL), 23°C-50RH	100%	ETAG last version

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Sebastien Dath  
High Performance Building AETS Manager EMEA  
[Sebastien.dath@dow.com](mailto:Sebastien.dath@dow.com)

Seneffe, 1 October 2019

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