

DECLARATION OF PERFORMANCE

according Annex III of the regulation (EU) N° 305/2011

FS500-20140426

1. Unique identification code of the product-type:

FS500

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

FS500, batch number: see packaging of the product

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

Sealant for façade for interior and exterior application (intended for use in cold climates) EN 15651-1 F-EXT-INT-CC

Sealant used for sealing glazing applications (intended for use in cold climates) EN 15651-2 G-CC

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

tremco illbruck Productie B.V.
Vlietskade 1032
NL-4241 WC Arkel

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

Not relevant

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

System 3 for the type testing and System 3 for the reaction to fire

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

The notified body GINGER CEBTP, identification number 0074, performed the type testing under system 3 and issued: certificate of constancy of performance

The notified body GINGER CEBTP, identification number 0074, performed the testing of the reaction to fire under system 3 and issued: test report and classification report

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

not relevant

9. Declared performance

EN15651-1 F-EXT-INT-CC

Conditioning: Method A

Substrate: Aluminium without primer

Essential characteristics	Performance	Harmonised technical specification
REACTION TO FIRE (EN 13501)	Class E	EN 15651-1:2012
RELEASE OF CHEMICALS DANGEROUS TO THE ENVIRONMENT AND HEALTH	NPD	EN 15651-1:2012
WATER TIGHTNESS AND AIR TIGHTNESS		
Resistance to flow (EN ISO 7390)	≤ 3 mm	EN 15651-1:2012
Loss of volume (EN ISO 10563)	≤ 10 %	EN 15651-1:2012
Tensile properties (i.e. at maintained extension after immersion in water at 23°C) (EN ISO 10590)	NF	EN 15651-1:2012
Tensile properties (i.e. secant modulus) for non-structural low modulus sealants used in joint in cold climate areas (-30°C) (EN ISO 8339)	≤ 0,9 MPa	EN 15651-1:2012
Tensile properties (i.e. at maintained extension) for non-structural low modulus sealants used in joint in cold climate areas (-30°C) (EN ISO 8340)	NF	EN 15651-1:2012
DURABILITY (EN ISO 8340, EN ISO 9047, EN ISO 10590)	Pass	EN 15651-1:2012

EN 15651-2 G-CC

Conditioning: Method A

Substrate: Aluminium without primer

Essential characteristics	Performance	Harmonised technical specification
REACTION TO FIRE (EN 13501)	Class E	EN 15651-2:2012
RELEASE OF CHEMICALS DANGEROUS TO THE ENVIRONMENT AND HEALTH	NPD	EN 15651-2:2012
WATER TIGHTNESS AND AIR TIGHTNESS		
Loss of volume (EN ISO 10563)	≤ 10 %	EN 15651-2:2012
Vertical flow resistance (EN ISO 7390)	≤ 3 mm	EN 15651-2:2012
Tensile properties (i.e. at maintained extension after immersion in water at 23°C) (EN ISO 10590)	NF	EN 15651-1:2012
Adhesion/cohesion properties after exposure to heat water and artificial light (EN ISO 11431)	NF	EN 15651-2:2012
Elastic recovery (EN ISO 7389)	≥ 60 %	EN 15651-2:2012
Tensile properties (i.e. secant modulus) at (-30±2)°C for cold climate areas (EN ISO 8339)	≤ 0,9 MPa	EN 15651-2:2012

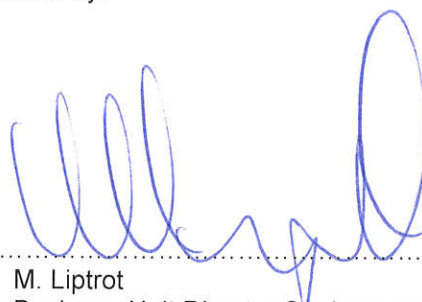
Essential characteristics	Performance	Harmonised technical specification
Tensile properties (i.e. at maintained extension) at $(-30 \pm 2)^{\circ}\text{C}$ for cold climate areas (EN ISO 8340)	NF	EN 15651-2:2012
DURABILITY (EN ISO 8340, EN ISO 9047, EN ISO 10590)	Pass	EN 15651-2:2012

NF = No failure according to ISO11600

NPD = No performance declared

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:



Arkel, April 8, 2014.....

M. Liptrot
Business Unit Director Sealants and Coatings

Annex:

According to Art. 6 (5) of the Regulation (EU) No. 305/2011 a Safety Data sheet according Regulation (EU) No. 1907/2006 (REACH), Annex II is available on the website to support this Declaration of Performance.



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illbruck.com/dop/FS500

EN 15651-1, -2: 2012

Non-structural sealant for joints for interior and exterior application (intended for use in cold climates)

Non-structural sealant for sealing glazing (intended for use in cold climates)

- Type F EXT-INT-CC, Type G-CC
- Conditioning: Method A
- Substrate: Aluminium without primer

REACTION TO FIRE	Class E
RELEASE OF CHEMICALS DANGEROUS TO THE ENVIRONMENT AND HEALTH	NPD
WATER TIGHTNESS and AIR TIGHTNESS	
- resistance to flow	≤ 3 mm
- loss of volume	≤ 10 %
- adhesion/cohesion properties at maintained extension after water immersion (23°C)	NF
- elastic recovery	≥ 60 %
- adhesion/cohesion properties after exposure to heat, water and artificial light	NF
- adhesion/cohesion properties (-30°C)	≤ 0,9 N/mm ²
- adhesion/cohesion properties at maintained extension (-30°C)	NF
DURABILITY	Pass