

## **DECLARATION OF PERFORMANCE**

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

GS300-20140516

### **1. Unique identification code of the product-type:**

GS300

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

**GS300**, 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

Sealant for joints in sanitary areas exposed to non-pressurized water EN 15651-3 XS1

### **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 SKZ – TeConA GmbH, identification number 1213, performed the type testing under system 3 and issued: certificate of constancy of performance

The notified body SKZ – TeConA GmbH, identification number 1213, 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, Glass

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

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 ISO10563)	≤ 10 %	EN 15651-2:2012
Vertical flow resistance (EN ISO 7390)	≤ 3 mm	EN 15651-2:2012
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
Tensile properties (i.e. at maintained extension) at (-30±2)°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

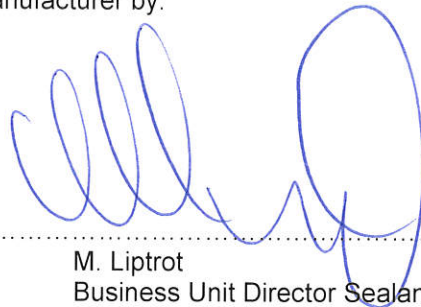
EN 15651-3 XS1  
Conditioning: Method A  
Substrate: Glass, Aluminium

Essential characteristics	Performance	Harmonised technical specification
REACTION TO FIRE (EN 13501)	Class E	EN 15651-3:2012
RELEASE OF CHEMICALS DANGEROUS TO THE ENVIRONMENT AND HEALTH	NPD	EN 15651-3:2012
WATER TIGHTNESS AND AIR TIGHTNESS		
Resistance to flow (EN ISO 7390)	≤ 3 mm	EN 15651-3:2012
Loss of volume (EN ISO10563)	≤ 20 %	EN 15651-3:2012
Tensile properties (i.e. elongation) at maintained extension after water immersion (EN ISO 10590)	Pass	EN 15651-3:2012
MICROBIOLOGICAL GROWTH (ISO 846, method B)	1	EN 15651-3:2012
DURABILITY (EN ISO 8340, EN ISO 9047, EN ISO 10590)	Pass	EN 15651-3:2012

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:



Traunreut, May 16, 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/GS300](http://illbruck.com/dop/GS300)

**EN 15651-1, -2, -3: 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)

Non-structural sealant for sanitary joints

- Type F EXT-INT-CC, Type G-CC, Type S
- Conditioning: Method A
- Substrate: Aluminium, Glass

<b>REACTION TO FIRE</b>	Class E
<b>RELEASE OF CHEMICALS DANGEROUS TO THE ENVIRONMENT AND HEALTH</b>	NPD
<b>WATER TIGHTNESS and AIR TIGHTNESS</b>	
- 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 <sup>2</sup>
- adhesion/cohesion properties at maintained extension (-30°C)	NF
- tensile properties, maintained extension after water immersion at 23°C	Pass
<b>MICROBIOLOGICAL GROWTH</b>	1
<b>DURABILITY</b>	Pass