DECLARATION OF PERFORMANCE

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

FS550-20150825

1. Unique identification code of the product-type:

FS550

2. Intended use/es:

Sealant intended to be used in façade joints for interior and exterior applications (also suitable for cold climates) - EN 15651-1:2012 F-EXT-INT-CC
Sealant for glazing elements (also suitable for cold climates) - EN 15651-2:2012 G-CC

3. Manufacturer:

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

5. System/s of AVCP:

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

6a. Harmonised standard:

(see point 2. Intended use/es)

Notified body/ies:

SKZ – TeConA GmbH, 1213 (type testing / reaction to fire)

7. Declared performance/s

EN15651-1:2012 F-EXT-INT-CC
Conditioning Method: B; Substrate: Aluminium, Glass, Mortar M2 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. 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 15651-2:2012 G-CC
Conditioning Method: B
Substrate: Glass

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
Resistance to flow (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. 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

NF = No Failure, according to ISO 11600
NPD = No Performance Determined

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:

M. Liptrot, Business Unit Director Sealants and Coatings

At Arkel on 25 August 2015



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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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FS550-20150825
illbruck.com/dop/FS550

EN 15651-1, -2: 2012

Interior and exterior façade sealant (also suitable for cold climates)

Glazing sealant (also suitable for cold climates)

- Type F INT-EXT-CC, Type G-CC
- Conditioning Method: B
- Substrate: Aluminium, Glass, Mortar M2

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 %
- resistance to heat/water/UV	NF
- elastic recovery	≥ 60 %
- tensile properties at maintained extension (-30°C)	NF
- tensile properties, maintained extension after water immersion at 23°C	Pass
Durability	Pass