

DECLARATION OF PERFORMANCE

*In compliance with EU Regulation (EU): No 305/2011
(Construction Product Regulation)*

Declaration of Performance-Nr. **GR 00251**

1. Unique identification code of the product-type:

GRF SILICONE S-200 TG CQ 300ML*12 L221

2. Intended use(s):

**Sealants for facade elements for interior and exterior applications,
Sealants for glazing and sanitary applications**

3. Manufacturer:

Bison International BV, Dr. A.F. Philipsstraat 9, 4462 EW Goes, The Netherlands

4. Authorized representative:

Not Applicable

5. System or systems of assessment and verification of constancy of performance:

System 3

System 3 for reaction to fire according class E

6. Harmonised standard: **EN 15651-1/2/3: 2012; F-EXT-INT-CC (25 LM) / G-CC (25 LM) / S (XS1)**

Notified body/ies: **SKZ – TeConA GmbH (1213)**

7. Declared performance

Conditioning: **Method A** (according to ISO8340)

Substrate: **Glass** (no use of primer)

Anodised Aluminium (no use of primer)

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire	Class E	EN 15651-1 :2012
Release of chemicals dangerous to the environment and health	NPD	
Water tightness and Air tightness		
Resistance to flow	≤3 mm	
Loss of Volume	≤ 10%	
Tensile properties (i.e. elongation): at maintained extension after water immersion(23°C)	Pass	
Cold Climate Areas (-30°C)		
Tensile properties (i.e. secant modulus):	≤ 0,9 Mpa	
Tensile properties (i.e. at maintained extension) :	Pass	
Durability	Pass	

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire	Class E	EN 15651-2 :2012
Release of chemicals dangerous to the environment and health	NPD	
Water tightness and Air tightness		
Loss of Volume	≤ 10%	
Vertical flow resistance	≤3 mm	
Adhesion/cohesion properties after exposure to heat water and artificial light	Pass	
Elastic recovery	≥ 60%	
Cold Climate Areas (-30°C)		
Tensile properties (i.e. secant modulus):	≤ 0,9 Mpa	
Tensile properties (i.e. at maintained extension) :	Pass	
Durability	Pass	

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire	Class E	EN 15651-3 :2012
Release of chemicals dangerous to the environment and health	NPD	
Water tightness and Air tightness		
Resistance to flow	≤3 mm	
Loss of Volume	≤ 20%	
Tensile properties (i.e. elongation): at maintained extension after water immersion	Pass	
Microbiological growth	1	
Durability	Pass	

8. Appropriate Technical Documentation and/or Specific Technical Documentation: **Not Applicable**

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:

J.P.M. Klerks
 Manager Research & Development
 Goes, 3. November 2016

