

DECLARATION OF PERFORMANCE

No. **P0449**

1. Unique identification code of the product-type:

P0449

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

Bostik Fire Bond Silmax Pro
Batch number: see product packaging

3. Intended use or uses of the construction product, in accordance with the applicable harmonized 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

Fire Stopping and Fire Sealing Products - Linear Joint and Gap Seals
ETAG 026, part 3 edition August 2011

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

Bostik AB, Box 903, 251 09 Helsingborg, Sverige

5. Where applicable, name and contact address of the authorized 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:

EN 15651-1
System 3
system 3 for reaction to fire
ETAG 026, part 3
For fire compartmentation and/or fire protection or fire performance
System 1

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

The notified body **Kiwa GmbH Polymer Institut (1119)**, performed the testing of the reaction to fire under **system 3** and issued: **a test report**

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued: The notified body **RISE Research Institutes of Sweden AB (0402)**, issued **European Technical Assessment 17/0455 on the basis of ETAG 026 – part 3, edition 2011**

9. Declared performance

9.a. according to **EN 15651-1:2012 F EXT – INT CC**
CLASS – 25LM

Conditioning: Metod B

Substrate: Concrete – M1 with primer

Essential characteristics	Performance	Harmonised Technical Specification EN 15651-1: 2012
Reaction to fire	Class E	EN 13501-1
Release of chemicals dangerous to the environment and health	NPD	
Water tightness and Air tightness		
Resistance to flow	≤3 mm	EN ISO 7390
Loss of volume	≤10 %	EN ISO 10563
Adhesion/elongation under pretension and after immersion in water	NF	EN ISO 10590
Tensile properties		
Secant tensile modulus at +23°C	≤0,4 MPa	EN ISO 8339
Secant tensile modulus at -20°C	≤0,6 MPa	EN ISO 8339
Secant tensile modulus at -30°C	≤0,9 MPa	EN ISO 8339
Tensile properties at maintained extension at -30°C	NF	EN ISO 8340
Durability	Pass	

NPD = No Performance Determined

9.b according to **ETAG 026, part 3**

Essential characteristics	Performance	ETAG 026, part 3
Reaction to fire	Class E	EN 13501-1/BWR 2
Resistance to fire	<u>Linear Joints</u> (Annex 1 ETA17/0455) <i>Gaps between steel profile and concrete</i> E 15-V-X-F-W15 <i>Gaps between insulated steel profile and concrete</i> EI 30-V-X-F-W20 E 60-V-X-F-W20	Class according to EN 13501-2/BWR 2

	<i>Gaps between wood studs</i> 70 mm - EI 90-V-X-F-W20 120 mm - EI 120-V-X-F-W20 <i>Gaps between wood stud and concrete</i> EI 60-V-X-F-W20 E 90-V-X-F-W20 <i>Gaps between concrete</i> EI 90-V-X-F-W20 E 120-V-X-F-W20 <i>Gaps between gypsum board and wood stud</i> EI 90-V-X-F-W20 <i>Gaps between gypsum board and concrete</i> EI 120-V-X-F-W20	
Air permeability (material property)	Performance not assessed	BWR 3
Water permeability (material property)	Performance not assessed	BWR 3
Release of dangerous substances	Performance not assessed	BWR 3
Mechanical resistance and stability	Performance not assessed	BWR 4
Resistance to impact/movement	Performance not assessed	BWR 4
Adhesion	Performance not assessed	BWR 4
Airborne sound insulation	Performance not assessed	BWR 5
Impact sound insulation	Performance not assessed	BWR 5
Thermal properties	Performance not assessed	BWR 6
Water vapour permeability	Performance not assessed	BWR 6
Durability and serviceability	Y2 according to ISO 8339, ISO 8340, ISO 9047 & ISO 7390	
Sustainable use of natural resources	Performance not assessed	BWR 7

Where pursuant to Article 37 or 38 the Specific Technical Documentation has been used, the requirements with which the product complies:

Not relevant

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:
Helsingborg 2018-01-19

A handwritten signature in blue ink, appearing to read "R. Massey", is written over a horizontal dotted line.

Robert Massey, CEO