

Declaration of Performance

No.: **PS-16005 (1)**

1. Unique identification code of the product-type:

Graft Building Silicone

2. Type, batch or serial no. or any other element allowing identification of the construction product as required pursuant to article 11(4):

EN 15651-1: F-EXT-INT-CC (CLASS 25LM)

EN15651-2: G-CC (CLASS 25LM)

EN 15651-3: S (CLASS XS1)

(see packaging for batch number)

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 interior and exterior use in cold climates

Sealant for glazing elements in cold climate

Sealant for sanitary joints

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

Polyseam Ltd.

Shaw Park

Silver Street

Huddersfield

West Yorkshire

United Kingdom

HD5 9AF

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

Not applicable

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

System 3

System 3 for Reaction to Fire

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

Notified body SKZ – TeConA GmbH (1213) performed the initial type testing according to EN 15651-1/2/3 and reaction to fire (EN 13501-1) under system 3

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

Not applicable

9. Declared performance:

EN 15651-1 Sealant for Facades Internal and External Use, including Reaction to Fire

Conditioning: Method B (according to ISO 8340)

**Substrate: Mortar M1 (with primer)
Glass (without primer)
Anodized aluminum (without primer)**

Essential characteristics	Performance	Harmonized technical specification
Reaction to fire	Class E	EN13501-1
Release of chemical dangerous to the environment and health	See data sheet	
Water tightness and air tightness		
Resistance to flow	≤ 2 mm	EN ISO 7390
Loss of volume	≤ 10 %	EN ISO 10563
Tensile properties at maintained extension after water immersion	No Failure	EN ISO 10591
Tensile properties (secant modulus) for use in cold climate areas (-30°C)	≤0.9MPa	EN ISO 10590
Tensile properties at maintained extension for use in cold climate areas (-30°C)	No Failure	EN ISO 8339
Durability*	Pass	

EN 15651-2 Sealant for Glazing elements, including Reaction to Fire

Conditioning: Method A (according to ISO 8340)

**Substrate: Glass (without primer)
Anodized aluminum (without primer)**

Essential characteristics	Performance	Harmonized technical specification
Reaction to fire	Class E	EN13501-1
Release of chemical dangerous to the environment and health	See data sheet	
Water tightness and air tightness		
Resistance to flow	≤ 2 mm	EN ISO 7390
Loss of volume	≤ 10 %	EN ISO 10563
Adhesion/cohesion properties after exposure to heat, water and artificial light (method B cond.)	No Failure	EN ISO 11431

Elastic recovery	≥70%	EN ISO 7389
Tensile properties at maintained extension after water immersion	No Failure	EN ISO 10590
Tensile properties (secant modulus) for use in cold climate areas (-30°C)	≤0.9MPa	EN ISO 8339
Adhesion/cohesion at maintained extension for use in cold climate areas (-30°C)	No Failure	EN ISO 8340
Durability*	Pass	

EN 15651-3 Sealant for Sanitary Use, including Reaction to Fire

Conditioning: Method A (according to ISO 8340)

**Substrate: Glass (without primer)
Anodized aluminum (without primer)
M1 Mortar (with primer)**

Essential characteristics	Performance	Harmonized technical specification
Reaction to fire	Class E	EN 13501-1
Release of chemical dangerous to the environment and health	See Data Sheet	
Water tightness and air tightness		
Resistance to flow	≤ 2 mm	EN ISO 7390
Loss of volume	≤ 10 %	EN ISO 10563
Adhesion/cohesion properties at maintained extension after water immersion	No failure	EN ISO 10590
Microbiological growth	1	EN ISO 846
Durability*	Pass	

*The provisions made in this DoP are based on an assumed working life of the Graft Building Silicone Sealant of 10 years, however provided that the conditions laid down in the manufacturers' instructions and datasheet for the packaging/ transport/ storage/ installation/ use/ repair are met the assumed working life of Graft Building Silicone Sealant in internal conditions without exposed to UV or moisture is 25 years. The indications given on the working life cannot be interpreted as a guarantee given by the manufacturer, but are to be regarded only as a means for choosing the correct products in relation to the expected economically reasonable working life of the works.

10. The performance of the product identified in points 1 and 2 is in conformity with the performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed on the behalf of the manufacturer by:

Neil Heffernan, Product Certification Manager

(name and function)



London, 17/03/16

Place and date of issue

Signature