



DECLARATION OF PERFORMANCE

No: 960027

1.

Unique identification code of the product-type:

Byggfog ESS1

2.

Article number:

118670, 118672, 118674, 118676, 118678, 118680, 118682, 118684

3.

Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

Sealant for non-structural use in joints in buildings for facade elements, indoors and outdoors in cold climates in accordance with EN 15651-1, Sealants for non-structural use for glazing in accordance to EN 15651-2, Sealants for non-structural use for sanitary joints in accordance to EN-15651-3, Sealants for non-structural use for pedestrian walkways in accordance to EN-15651-4 (F EXT-INT CC 20HM, G CC 20HM, S XS1, PW EXT-INT CC 20HM)

4.

Name and contact address of the manufacturer as required pursuant to Article 11(5):

ESSVE Produkter AB
Box 7091
SE 164 07 Kista
Sweden
Mail: info@essve.se

5.

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

N.A.





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6.

System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 3

7.

In case of the declaration of performance concerning a construction product covered by a harmonised standard:

ift Rosenheim GmbH, NB 0757
performed: Initial Type Testing
under system:3
and issued: Test report

8.

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

N.A.
issued:
in the basis of:
performed: under system:
and issued:





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9.

Declared performance:

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire	Class E	EN 15651-1,2,3,4:2012-12
Release of chemicals dangerous to the environment and health	see SDS	EN 15651-1,2,3,4:2012-12
Water tightness and air tightness	Resistance to flow	≤ 3mm
EN 15651-1,2,3,4:2012-12	Loss of volume	≤ 10%
EN 15651-1,2,3,4:2012-12	Elastic recovery	≥ 60%
EN 15651-1,2,3,4:2012-12	Tensile properties at maintained extension	Pass
EN 15651-1,2,3,4:2012-12	Tensile properties at maintained extension at -30°C	Pass
EN 15651-1,2,3,4:2012-12	Adhesion/Cohesion properties after exposure to heat, water and artificial light	Pass
EN 15651-1,2,3,4:2012-12	Tensile properties at maintained extension after water immersion after water immersion	Pass
EN 15651-1,2,3,4:2012-12	Tensile properties (secant modulus / elongation at break)	> 0,4MPa
EN 15651-1,2,3,4:2012-12	Tensile properties (secant modulus) at -30°C	NPD
EN 15651-1,2,3,4:2012-12	Adhesion/cohesion properties at maintained extension after 28 days water immersion	Pass
EN 15651-1,2,3,4:2012-12	Adhesion/cohesion properties at maintained extension after 28 days salt water immersion	Pass
EN 15651-1,2,3,4:2012-12	Microbiological growth	1
EN 15651-1,2,3,4:2012-12	Tear resistance	Pass
EN 15651-1,2,3,4:2012-12	Durability	Pass
EN 15651-1,2,3,4:2012-12	Conditioning method B / Tested on Glass, mortar M1(Primer V17), anodised aluminium (Primer V40)	





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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:

Viktor Bukowski, Product Developer/Technical expert – Fasteners

(name and function

Kista 2017-05-31

(place and date of issue)

(signature)

