



DECLARATION OF PERFORMANCE

In accordance with Annex III of Regulation (EU) No 305/2011
(Construction Product Regulation)

DoP _ [EN] _ 001 _ No 53001196-1001

1. Unique identification code of product-type:

ZWALUW SPECTRUM SEAL-UNIVERSAL

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

Batch number: See product packaging

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

Sealants for façade elements

Sealants for glazing

Sealants for sanitary joints

EN 15651-1: F-EXT-INT-CC (CLASS 20LM)

EN 15651-2: G-CC (CLASS 20LM)

EN 15651-3: S (CLASS XS2)

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

DEN BRAVEN SEALANTS ■ DENARIUSSTRAAT 11, ■ NL - 4903 RC OOSTERHOUT

5. Name and contact address of the authorized representative whose mandate covers the task 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:

System 3

System 3 for reaction to fire

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

The notified body SKZ – TeConA GmbH (1213) performed the initial type testing according to EN 15651-1 / EN 15651-2 / EN 15651-3 and 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: not relevant



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9. Declared performance

Conditioning: Procedure A (according to ISO 8340)
 Substrate: Mortar M2 (without primer)
 Glass (without primer)
 Anodised aluminium (without primer)

Essential characteristics	Performance	Harmonized technical specification
Reaction to fire	Class E	EN 15651-1:2012
Release of chemical dangerous to the environment and health	NPD (*)	
Water tightness and air tightness		
Resistance to flow	≤ 3 mm	
Loss of volume	≤ 10 %	
Tensile properties at maintained extension after water immersion	NF	
Tensile properties (secant modulus) for use in cold climate areas (-30°C)	≤ 0,9 MPa	
Tensile properties at maintained extension for use in cold climate areas (-30°C)	NF	
Durability	Pass	

Essential characteristics	Performance	Harmonized technical specification
Reaction to fire	Class E	EN 15651-2:2012
Release of chemical 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	NF	
Elastic recovery	≥ 60 %	
Tensile properties (secant modulus) for use in cold climate areas (-30°C)	≤ 0,9 MPa	
Tensile properties at maintained extension for use in cold climate areas (-30°C)	NF	
Durability	Pass	



**Substrate: Glass (without primer)
Anodised aluminium (without primer)**

Essential characteristics	Performance	Harmonized technical specification
Reaction to fire	Class E	EN 15651-3:2012
Release of chemical dangerous to the environment and health	NPD (*)	
Water tightness and air tightness		
Vertical flow resistance	≤ 3 mm	
Loss of volume	≤ 20 %	
Tensile properties at maintained extension after water immersion	NF	
Microbiological growth	2	
Durability	Pass	


(*) See material safety data sheet
NPD: No Performance Determined
NF: No Failure

Where pursuant in 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

René Konings
 QHSE Manager
 Den Braven Sealants



Oosterhout, 07/2014