

Declaration of Performance

LE/DoP no. OC0070B

- 1** Identification code of the product type: OTTOSEAL® S 70
- 2** Ident. no.: Batch number, see product packaging
- 3** Designated use: 1-component silicone sealant, neutral curing, sealant for application in the facade, in the sanitary area and for pedestrian walkways, type **F EXT-INT 25 LM** and **F EXT-INT CC 20 LM, XS 1, PW EXT-INT 25LM** (OTTOSEAL® S 70, with filling material) and **PW INT 12,5 E** (OTTOSEAL® S 70, without filling material), conditioning A, carrier material: anodised aluminium, pretreatment: OTTO Cleanprimer 1101
- 4** Manufacturer: Hermann Otto GmbH
Krankenhausstraße 14
83413 Fridolfing, Germany
- 5** Authorised representative: -
- 6** System for evaluating reliability of performance: 3 plus 3
- 7** Harmonised standard: EN 15651 - 1: 2012-12, EN 15651 - 3: 2012-12, EN 15651 - 4: 2012-12
- 8** Notified body: ift Rosenheim GmbH (NB-no. 0757) as a notified test laboratory in System 3 carried out the initial tests and issued the test and classification reports.

9 Important characteristics:

Important characteristic	Performance	harmonised technical specification
Fire behaviour	Class E	EN 15651 - 1: 2012-12 EN 15651 - 3: 2012-12 EN 15651 - 4: 2012-12
Release of chemicals hazardous to health and/or the environment	evaluated	
Water- and airtightness		
a) Tensile behaviour under pretensioning (+23°C/-20°C)	passed (NF)	
b) Stability under load	≤ 3 mm	
c) Volume loss	≤ 10 %	
d) Tearing strength	passed (NF)	
e) Adhesive/stress expansion under pretensioning after 28 days immersed in water	passed (NF) ¹	
f) Adhesive/stress expansion under pretensioning after 28 days immersed in brine	passed (NF) ¹	
g) Tensile behaviour, i.e. stress expansion under pretensioning after submersion in water	passed (NF)	
h) Tensile properties / secant modulus in cold climate (at -30°C)	≤ 0.9 MPa	
i) Tensile properties under pretensioning in a cold climate (at -30°C)	passed (NF)	
j) Microbiological growth	0	
Durability	passed (NF)	

- 10** The performance of the product in compliance with numbers 1 and 2 corresponds to the declared performance in compliance with number 9.

The manufacturer alone is responsible for preparing the declaration of performance in compliance with number 9. Signed on behalf of and in the name of the manufacturer by:

Fridolfing, dated 07.05.2015



Frank Bechmann
grad. Chemical Engineer
Applications Technology/Development



Nikolaus Auer
Head of Applications Technology &
Development

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