

Declaration of Performance

LE/DoP no. OC0070C

1. Identification code of the product type: OTTOSEAL® S 70
2. Ident. No.: Batch number, see product packaging
3. Intended use: 1 component silicone sealant, neutrally curing, sealant for application in the facade, in sanitary areas and for pedestrian walkways, type **F EXT-INT 25 LM** and **F EXT-INT CC 20 LM, XS 1, PW INT 12,5 E¹** (OTTOSEAL® S 70, unfilled) and **PW EXT-INT 25LM²** (OTTOSEAL® S 70, filled), conditioning A, carrier material: anodised aluminium, pre-treatment: OTTO Cleanprimer 1101
4. Manufacturer: Hermann Otto GmbH
Krankenhausstraße 14
83413 Fridolfing
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: In its capacity as a notified test laboratory in system 3, ift Rosenheim GmbH (NB no. 0757) carried out the initial tests and issued the test and classification reports.
9. Important characteristics:

Important characteristic	Performance	harmonised technical specification
1/3/4-1 Fire behaviour	E	EN 15651 - 1: 2012-12 EN 15651 - 3: 2012-12 EN 15651 - 4: 2012-12
1/3/4-2 Release of chemicals hazardous to health and/or the environment	NPD	
Water- and airtightness		
1/3-3 Stability under load	≤ 3 mm	
1/4 ² -4 Volume loss	≤ 10 %	
3-4 Volume loss	≤ 20 %	
4 ¹ -4 Volume loss	≤ 15 %	
1/3-5 Tensile behaviour, i.e. stress expansion under pretensioning after submersion in water	NF	
1-7 Tensile properties / secant modulus in cold climate (at -30°C)	≤ 0.9 Mpa	
1-8 Tensile properties under pretensioning in a cold climate (at -30°C)	NF	
3-12 Microbiological growth	0	
4-13 Tensile behaviour under pretensioning	NF	
4-14 Tearing strength	NF	
4 ² -15 Adhesive/stress expansion under pretensioning and change to the secant module after 28 days immersed in water	NF / ≤ 50 %	
4 ² -16 Adhesive/stress expansion under pretensioning after 28 days immersed in brine	NF	
1/3/4-21 Durability - Tensile behaviour, i.e. stress expansion under pretensioning after submersion in water	NF	

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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 4.

Signed on behalf of and in the name of the manufacturer by:

Fridolfing, on 21/10/2021

A handwritten signature in blue ink, appearing to read "N. Auer".

Nikolaus Auer
Department head
Technical & Development

A handwritten signature in blue ink, appearing to read "Isabella Schubert".

Isabella Schubert
Master of Business and Engineering
Assistant head Technical & Development

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NF = no failure

NPD = no performance determined

Explanation of the numbering of important characteristics:

The first numbers before the hyphen show the relevant part of EN 15651 for which the performance is being declared (e.g. "1-3" stands for the declared performance of "Stability under load" according to DIN EN 15651-Part 1). Where the different parts of DIN EN 15651 specify the same threshold for the an important characteristic, the numbers of the corresponding parts of DIN EN 15651-standard series are listed before the hyphen and separator using a slash (e.g. "1/2/3-3 = Stability under load: ≤ 3 mm").

The number after the hyphen stands for the respective important characteristic and is allocated specifically to this.