

# Declaration of Performance

LE/DoP no. OC0051B

1. Identification code of the product type: OTTOSEAL® S 51
2. Ident. No.: Batch number, see product packaging
3. Intended use: 1 component silicone sealant based on a modified amine system, sealant for application in the facade and for pedestrian walkways, type **F EXT-INT CC 25 LM** and **PW EXT-INT CC 25 LM**, conditioning A, carrier material: mortar M1, pre-treatment: OTTO Primer 1105
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 - 4: 2012-12
8. Notified body: SKZ-TeConA GmbH (NB no. 1213) - in its capacity as a notified test laboratory in system 3 - carried out the initial tests and wrote the test report.
9. Important characteristics:

Important characteristic	Performance	harmonised technical specification
1/4-1 Fire behaviour	E	EN 15651 - 1: 2012-12 EN 15651 - 4: 2012-12
1/4-2 Release of chemicals hazardous to health and/or the environment	NPD	
Water- and airtightness		
1-3 Stability under load	≤ 3 mm	
1/4-4 Volume loss	≤ 10 %	
1-5 Tensile behaviour, i.e. stress expansion under pretensioning after submersion in water	NF	
1/4-7 Tensile properties / secant modulus in cold climate (at -30°C)	≤ 0,9 MPa	
1/4-8 Tensile properties under pretensioning in a cold climate (at -30°C)	NF	
4-13 Tensile behaviour under pretensioning	NF	
4-14 Tearing strength	NF	
4-15 Adhesive/stress expansion under pretensioning and change to the secant module after 28 days immersed in water	NF / ≤ 50 %	
4-16 Adhesive/stress expansion under pretensioning after 28 days immersed in brine	NF	
1/4-20 Durability - adhesive/stress expansion at different temperatures	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



Nikolaus Auer  
Department head  
Technical & Development



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:  $\leq 3$  mm").

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