

Declaration of Performance

LE/DoP no. OC0100C

1. Identification code of the product type: OTTOSEAL® S 100
2. Ident. No.: Batch number, see product packaging
3. Intended use: 1 component silicone sealant, acetate curing, sealant for application in the facade, for glazing, in sanitary areas and for pedestrian walkways, type **F EXT-INT CC 25 LM, G CC 25 LM, XS 1** and **PW INT 12.5 E**, conditioning A, carrier material: glass, pre-treatment: OTTO Cleanprimer 1226
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 - 2: 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-nr. 0757) carried out the initial tests and issued the test and classification reports.
9. Important characteristics:

Important characteristic	Performance	harmonised technical specification
1/2/3/4-1 Fire behaviour	E	EN 15651 - 1: 2012-12 EN 15651 - 2: 2012-12 EN 15651 - 3: 2012-12 EN 15651 - 4: 2012-12
1/2/3/4-2 Release of chemicals hazardous to health and/or the environment	NPD	
Water- and airtightness		
1/2/3-3 Stability under load	≤ 3 mm	
1/2-4 Volume loss	≤ 10 %	
3-4 Volume loss	≤ 20 %	
4-4 Volume loss	≤ 15 %	
1/3-5 Tensile behaviour, i.e. stress expansion under pretensioning after submersion in water	NF	
1/2-7 Tensile properties / secant modulus in cold climate (at -30°C)	≤ 0,9 MPa	
1/2-8 Tensile properties under pretensioning in a cold climate (at -30°C)	NF	
2-10 Adhesive/stress expansion action after the effects of heat, water and artificial light	NF	
2-11 Resilience	≥ 60 %	
3-12 Microbiological growth	0	
4-13 Tensile behaviour under pretensioning	NF	
4-14 Tearing strength	NF	
1/2/3/4-20 Durability - adhesive/stress expansion at different temperatures	NF	

Declaration of Performance

LE/DoP no. OC0100D

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 17/08/2021



Nikolaus Auer
Department head
Technical & Development



Frank Bechmann
Graduate Chemical Engineer
Head of Development PU/STP Industry 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.