

Declaration of Performance

LE/DoP no. OC0100A



- 1** Identification code of the product type: OTTOSEAL® S 100
- 2** Ident. no.: Batch number, see product packaging
- 3** Designated use: 1-component silicone sealant, acetate curing, sealant for application in the facade, for glazing in the sanitary area and for pedestrian walkways, type **F EXT-INT CC 25 LM, G CC 20 LM, XS 1** and **PW INT 12.5 E**, conditioning A, carrier material: glass, pretreatment: OTTO Cleanprimer 1226
- 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 - 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
Fire behaviour	Class E	EN 15651 - 1: 2012-12 EN 15651 - 2: 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	passed (NF)	
b) Stability under load	≤ 3 mm	
c) Volume loss	≤ 10 %	
d) Tearing strength	passed (NF)	
e) Tensile behaviour, i.e. stress expansion under pretensioning after submersion in water	passed (NF)	
f) Adhesive/stress expansion action after the effects of heat, water and artificial light	passed (NF)	
g) Resilience	≥ 60 %	
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, 27.02.2014


Frank Bechmann
grad. Chemical Engineer
Applications Technology/Development


Nikolaus Auer
Head of Applications Technology & Development

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