

DECLARATION OF PERFORMANCE

- ① **Identification code of the product type:** EGOSILICON 120
- ② **Ident. no.:** Batch number: see product packaging
- ③ **Designated use:** 1 component silicone sealant, acetate curing
Sealant for facade elements for interior and exterior joints
(suitable for use in cold climate)
Type: F 20 HM EXT-INT-CC
Sealant for glazing
(suitable for use in cold climate)
Type: G 20 HM CC
- ④ **Manufacturer:** EGO Dichtstoffwerke GmbH & Co. Betriebs KG
Kaltenbrunn 27
82467 Garmisch-Partenkirchen
Germany
- ⑤ **Authorised representative:** ./.
- ⑥ **System for evaluating reliability of performance:** 3 plus 3
- ⑦ **Harmonized standard:** EN 15651-1:2012-12
EN 15651-2:2012-12
- ⑧ **Notified body:** In its capacity as a notified test laboratory in system 3, ift Rosenheim, NB-No. 0757 carried out the initial tests and issued the test and classification reports
- ⑨ **Declared Performance:**
Conditioning: Verfahren B
Substrate: Glass without primer
Anodised aluminium with EGO HAFTREINIGER

Type: F 20 HM EXT-INT-CC

Essential characteristics	Performance	Test standard	Harmonized technical specification
Reaction to fire	Class E	EN 13238 [EN 13501]	EN 15651-1:2012
Release of chemicals dangerous to the environment and health	NPD		
Water tightness and air tightness:			
Resistance to flow	≤ 1 mm	EN ISO 7390	EN 15651-1:2012
Loss of volume	≤ 10 %	EN ISO 10563	
Tensile properties (i.e. elongation) at maintained extension after water immersion	NF	EN ISO 10590	
Tensile properties (i.e. secant modulus) for low modulus sealants at -30 °C	NR	EN ISO 8339	
Tensile properties (i.e. at maintained extension) at -30 °C	NF	EN ISO 8340	
Durability	passed	EN ISO 8339 EN ISO 8340 EN ISO 9047 EN ISO 10590	

NPD = No Performance Determined.
 NF = No Failure according to EN ISO 11600.
 NR = Not Required.

Type: **G 20 HM CC**

Essential characteristics	Performance	Test standard	Harmonized technical specification
Reaction to fire	Class E	EN 13238 [EN 13501]	EN 15651-2:2012
Release of chemicals dangerous to the environment and health	NPD		
Water tightness and air tightness:			
Resistance to flow	≤ 1 mm	EN ISO 7390	EN 15651-2:2012
Loss of volume	≤ 10 %	EN ISO 10563	
Adhesion/cohesion properties after exposure to heat water and artificial light	NF	EN ISO 11431	
Elastic recovery	≥ 90 %	EN ISO 7389	
Tensile properties (i.e. at maintained extension) at -30 °C	NF	EN ISO 8340	
Durability	passed	EN ISO 8339 EN ISO 8340 EN ISO 9047 EN ISO 10590	

NPD = No Performance Determined.
 NF = No Failure according to EN ISO 11600.

10 The performance of the product identified in items No. 1 and 2 complies with the declared performance in item No. 9.

This declaration of performance (DoP) is issued under the sole responsibility of the manufacturer identified in item No. 4.

Signed for and on behalf of the manufacturer by:



Garmisch-Partenkirchen, 12 July 2016

Petra Goldmann
 Management

The information given in our declaration of performance is based on results obtained under laboratory test conditions. Possible deviations are due to specific conditions in practice that cannot be mapped in the laboratory. Suitable control tests under practical conditions are therefore recommended. Our technical data sheets provide specific material properties as well as advice and recommendations on application. In case of deviations from the application parameters, e. g. other substrates, please contact our technical department who will provide application-related advice. For more information about the safe storage, handling and disposal of the EGO products as well as physical, ecological and other safety-related data please refer to our safety data sheets. All data sheets are available on our website www.ego.de or on request.