

DECLARATION OF PERFORMANCE N. UKCA-IT1/0110

- 1) Unique identification code of the product-type: **MAPESIL AC**
- 2) Intended uses: **Silicone sealant for non-structural internal and external use in façade elements and glazing application, also in cold climates, and in sanitary areas**
- 3) Manufacturer: **MAPEI S.p.A. – Via Cafiero, 22 – 20158 Milan – Italy - www.mapei.it**
- 4) Systems of AVCP: **System 3**
- 5) Designated standards: **EN 15651-1:2012, EN 15651-2:2012, EN 15651-3:2012**

Approved bodies: **notified body as allowed in the Guidance Construction Products Regulation in Great Britain, from Department for Levelling Up, Housing and Communities and Ministry of Housing, Communities & Local Government, published on 01/09/2020, as updated on 20/06/2022:**
- **SKZ - Testing GmbH, N. 1213**

- 6) Performances declared:

EN 15651-1 **F-EXT-INT-CC (CLASS 25LM)**
Conditioning: **Method A**
Substrate: **Glass and aluminum without primer**

Essential characteristics	Performances
Reaction to fire:	Class E
Release of chemicals dangerous to the environment and health:	NPD
Water tightness and air tightness:	
– Resistance to flow:	≤ 3 mm
– Loss of volume:	≤ 10%
– Tensile properties (elongation) at maintained extension after water immersion:	Pass
– Tensile properties (secant modulus) for non-structural low modulus sealants used in joints in cold climate areas (-30°C):	≤ 0,9 MPa
– Tensile properties (at maintained extension) for non-structural sealants used in joints in cold climate areas (-30°C):	Pass
Durability:	Pass

EN 15651-2 **G-CC (CLASS 25LM)**
Conditioning: **Method A**
Substrate: **Glass and aluminum without primer**

Essential characteristics	Performances
Reaction to fire:	Class E
Release of chemicals dangerous to the environment and health:	NPD
Water tightness and air tightness:	
– Loss of volume:	≤ 10%
– Vertical flow resistance:	≤ 3 mm
– Adhesion / cohesion properties after exposure to heat, water and artificial light:	Pass
– Elastic recovery:	≥ 60%
– Tensile properties (secant modulus) for non-structural low modulus sealants used in joints in cold climate areas (-30°C):	≤ 0,9 MPa
– Tensile properties (at maintained extension) for non-structural sealants used in joints in cold climate areas (-30°C):	Pass
Durability:	Pass

EN 15651-3 **CLASS XS 1**
Conditioning: **Method A**
Substrate: **Glass and aluminum without primer**

Essential characteristics	Performances
Reaction to fire:	Class E
Release of chemicals dangerous to the environment and health:	NPD
Water tightness and air tightness:	
– Resistance to flow:	≤ 3 mm
– Loss of volume:	≤ 20%
– Tensile properties (elongation) at maintained extension after water immersion:	Pass
Microbiological growth:	1
Durability:	Pass

The performance of the product identified above is in conformity with the set of declared performances.

This declaration of performance is issued, in accordance with Regulation (EU) no. 305/2011 as it has effect in the United Kingdom in respect of Great Britain, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by: **Lorenzo Martino – Corporate Quality Management**



Milan, 28/09/2022



REACH information: the information referred to Article 31 or, as appropriate, to Article 33 of the REACH Regulation (EC) no. 1907/2006 as amended from time to time and as it has effect in the United Kingdom in respect of Great Britain are indicated in the safety data sheet that MAPEI makes available on the website along with this current Declaration of Performance.

DoP in Pdf format are available in the Mapei website.

Revision 0 notes:	First issue
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 1213	 Via Cafiero, 22 – 20158 Milano (Italy) www.mapei.it		
22 UKCA-IT1/0110 EN 15651-1: F-EXT-INT-CC EN 15651-2: G-CC EN 15651-3: XS 1 MAPESIL AC <i>Silicone sealant for non-structural internal and external use in façade elements and glazing application, also in cold climates, and in sanitary areas</i>			
	15651-1	15651-2	15651-3
Conditioning:	Method A		
Substrate:	Aluminium - Glass		
Primer:	None		
Reaction to fire:	Class E		
Release of chemicals dangerous to the environment and health:	NPD		
Water tightness and air tightness:			
– Resistance to flow:	≤ 3 mm	-----	≤ 3 mm
– Loss of volume:	≤ 10%	≤ 10%	≤ 20%
– Vertical flow resistance:	-----	≤ 3 mm	-----
– Tensile properties (elongation) at maintained extension after water immersion:	Pass	-----	Pass
– Adhesion / cohesion properties after exposure to heat, water and artificial light:	-----	Pass	-----
– Elastic recovery:	-----	≥ 60%	-----
– Tensile properties (secant modulus) for non-structural low modulus sealants used in joints in cold climate areas (-30°C):	≤ 0,9 MPa	≤ 0,9 MPa	-----
– Tensile properties (at maintained extension) for non-structural sealants used in joints in cold climate areas (-30°C):	Pass	Pass	-----
Microbiological growth:	-----	-----	1
Durability:	Pass		

UKCA reminder printed on the cartridge:



MAPESIL AC
UK MARKING
Annex to DoP N. UKCA-IT1/0110



Note:

MAPEI supplies the current annex along with the DoP to make the consultancy of the UK marking easier for the international clients. The enclosed UK marking can be slightly different compared to the one printed on the relevant packaging or documentation because of:

- *NPD (No Performance Determined) values can be omitted by the UK marking,*
- *graphic adaptations due to lack of space on the packaging or printing methods used,*
- *the product is already in stock when the updating of the UK marking is implemented,*
- *printing mistakes.*