

## MAPESIL AC Declaration of Performance N. CPR-IT1/0450

### **DECLARATION OF PERFORMANCE N. CPR-IT1/0450**

- 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) Harmonized standards: EN 15651-1:2012, EN 15651-2:2012, EN 15651-3:2012

Notified bodies 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:	
<ul> <li>Resistance to flow:</li> </ul>	≤ 3 mm
- Loss of volume:	≤ 10%
<ul> <li>Tensile properties (elongation) at maintained extension after water immersion:</li> </ul>	Pass
<ul> <li>Tensile properties (secant modulus) for non-structural low modulus sealants used in joints in cold climate areas (-30°C):</li> </ul>	≤ 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%
<ul> <li>Tensile properties (secant modulus) for non-structural low modulus sealants used in joints in cold climate areas (-30°C):</li> <li>Tensile properties (at maintained extension) for non-structural</li> </ul>	≤ 0,9 MPa
sealants used in joints in cold climate areas (-30°C):	Pass
Durability:	Pass



## MAPESIL AC Declaration of Performance N. CPR-IT1/0450

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, 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 and following amendments 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 2 notes:	Unchanged	product;	declared	performances	aligned	with	threshold	values	of	the	
Revision 2 notes.	standard.										

# MAPESIL AC <u>CE MARKING</u> Annex to DoP N. CPR-IT1/0450







Via Cafiero, 22 – 20158 Milano (Italy) www.mapei.it

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EN 15651-1: F-EXT-INT-CC EN 15651-2: G-CC EN 15651-3: XS 1

#### **MAPESIL AC**

Silicone sealant for non-structural internal and external use in façade elements and glazing application, also in cold climates, and in sanitary areas

	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%	≤ 20%		
- Vertical flow resistance:		≤ 3 mm		
Tensile properties (elongation) at maintained extension after water immersion:	Pass		Pass	
<ul> <li>Adhesion / cohesion properties after exposure to heat, water and artificial light:</li> </ul>		Pass		
– Elastic recovery:		≥ 60%		
<ul> <li>Tensile properties (secant modulus) for non-structural low modulus sealants used in joints in cold climate areas (-30°C):</li> </ul>	≤ 0,9 MPa	≤ 0,9 MPa		
<ul> <li>Tensile properties (at maintained extension) for non-structural sealants used in joints in cold climate areas (-30°C):</li> </ul>	Pass	Pass		
Microbiological growth:			1	
Durability:	Pass			

### CE reminder printed on the cartridge:

CE

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EN 15651-1: F-EXT-INT-CC EN 15651-2: G-CC EN 15651-3: XS 1

# MAPESIL AC <u>CE MARKING</u> Annex to DoP N. CPR-IT1/0450



#### Note:

MAPEI supplies the current annex along with the DoP to make the consultancy of the CE marking easier for the international clients. The enclosed CE 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 CE marking,
- graphic adaptations due to lack of space on the packaging or printing methods used,
- different language (the same packaging can be shared by several countries),
- the product is already in stock when the updating of the CE marking is implemented,
- printing mistakes.