

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: **The notified laboratory SKZ-TeConA GmbH, N.° 1213, carried out the assessment of the performance on the basis of testing on samples taken by the manufacturer**

- 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 dangerous substances	See SDS
Water tightness and air tightness:	
– Resistance to flow	≤ 2 mm
– Loss of volume	≤ 10 %
– Tensile properties at maintained extension after immersion in water	Pass
– Secant tensile modulus at -30°C	≤ 0,9 MPa
– Tensile properties at maintained extension at -30°C	Pass
Durability	Pass

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

Essential characteristics	Performances
Reaction to fire	Class E
Release of dangerous substances	See SDS
Water tightness and air tightness:	
– Resistance to flow	≤ 2 mm
– Loss of volume	≤ 10 %
– Adhesion and cohesion properties after exposure to artificial light	Pass
– Elastic recovery	≥ 70 %
– Secant tensile modulus at -30°C	≤ 0,9 MPa
– Tensile properties at maintained extension at -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 dangerous substances	See SDS
Water tightness and air tightness:	
– Resistance to flow	≤ 2 mm
– Loss of volume	≤ 10 %
– Tensile properties at maintained extension after immersion in water	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: **Paolo Murelli – Corporate Quality Management**

Milan, 09/02/2016



DoP in Pdf format are available in the Mapei website.

Revision 1 notes:	<i>Unchanged product, DoP layout updated</i>
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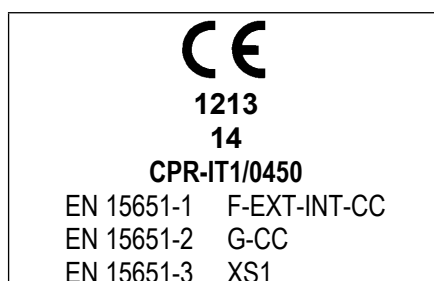
MAPESIL AC
CE MARKING
Annex to DoP N. CPR-IT1/0450



CE MARKING

	 Via Cafiero, 22 – 20158 Milano (Italy) www.mapei.it		
14 CPR-IT1/0450 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 applications, also in cold climates, and in sanitary areas</i>			
	15651-1	15651-2	15651-3
Conditioning	Method A		
Substrate	Aluminium - Glass	Aluminium	Aluminium - Glass
Primer	none		
Reaction to fire	Class E		
Release of dangerous substances	See SDS		
Water tightness and air tightness			
– Resistance to flow:	≤ 2 mm	≤ 2 mm	≤ 2 mm
– Loss of volume	≤ 10 %	≤ 10 %	≤ 10 %
– Tensile properties at maintained extension after immersion in water	Pass	=	Pass
– Tensile properties: secant modulus at -30°C	≤ 0,9 MPa	≤ 0,9 MPa	=
– Tensile properties at maintained extension at -30°C	Pass	Pass	=
– Adhesion/cohesion properties after exposure to artificial light	=	Pass	=
– Elastic recovery	=	≥ 70 %	=
Microbiological growth	=	=	1
Durability	Pass		

CE reminder printed on the cartridge



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:

- 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.