

## DECLARATION OF PERFORMANCE N. CPR-IT1/450

- 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 Milano – Italia - www.mapei.it**
- 4) Systems of AVCP: **System 3**
- 5) Harmonised 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) Declared performances:

**EN 15651-1:2012          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 15651-2:2012          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 15651-3:2012      CLASS XS1**  
**Conditioning:      Method A**  
**Substrate:          Glass and aluminum without primer**

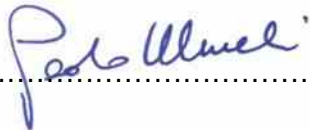
Essential characteristics	Performances
Reaction to fire	<b>Class E</b>
Release of dangerous substances	<b>See SDS</b>
Water tightness and air tightness:	
– Resistance to flow	<b>≤ 2 mm</b>
– Loss of volume	<b>≤ 10 %</b>
– Tensile properties at maintained extension after immersion in water	<b>Pass</b>
– Microbiological grow	<b>1</b>
<b>Durability</b>	<b>Pass</b>

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**

In **Milan, 01/07/2014**



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*DoP in Pdf format are available in the Mapei website*