

DECLARATION OF PERFORMANCE N. CPR-IT1/0457

- 1) Unique identification code of the product-type: **MAPESIL BM**
- 2) Intended uses: **silicone sealant for non-structural internal and external use in façade elements, glazing application and pedestrian walkways, also in cold climates**
- 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 15651-4:2012**

Notified bodies: **The notified laboratory SKZ-TeConA GmbH. 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 aluminium without primer**
Mortar M1 with PRIMER G 783

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: **Glass and aluminium 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 15651-4 **PW-EXT-INT-CC** **(CLASS 25LM)**
Conditioning: *method A*
Substrate: *Glass and aluminium without primer*
 Mortar M1 with PRIMER G 783

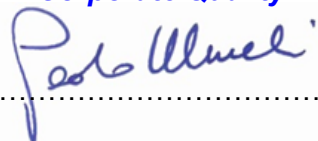
Essential characteristics	Performances
Reaction to fire	Class E
Release of dangerous substances	See SDS
Water tightness and air tightness:	
– Tensile properties at maintained extension	Pass
– Loss of volume	≤ 10 %
– Tear resistance	Pass
– Adhesion and cohesion properties at maintained extension after immersion in water	Pass
– Adhesion and cohesion properties at maintained extension after immersion in salt water	Pass
– Secant tensile modulus at -30°C	≤ 0,9 MPa
– Tensile properties at maintained extension -30°C	Pass
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



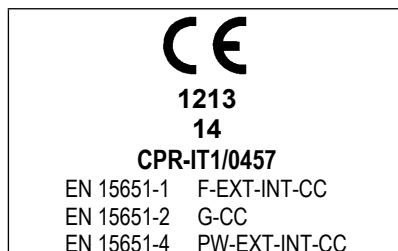
DoP in Pdf format are available in the Mapei website.

<i>Revision 1 notes:</i>	<i>Unchanged product, DoP layout updated</i>
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CE marking

<div><div>CE</div><div>1213</div></div>	<div><div></div><div>MAPEI</div></div>	<div>Via Cafiero, 22 – 20158 Milano (Italy)</div> <div>www.mapei.it</div>		
<div>14</div> <div>CPR-IT1/0457</div> <div>EN 15651-1: F-EXT-INT-CC</div> <div>EN 15651-2 G-CC</div> <div>EN 15651-4 PW-EXT-INT-CC</div> <div>MAPESIL BM</div> <div>Silicone sealant for non–structural internal and external use in façade elements, glazing applications and pedestrian walkways also in cold climates</div>				
	15651-1	15651-2	15651-4	
Conditioning	Method A			
Substrate a	Aluminium and Glass			
Primer	none			
Substrate b	Mortar M1	=	Mortar M1	
Primer	G783	=	G783	
Reaction to fire	Class E			
Release of dangerous substances	See SDS			
Water tightness and air tightness				
– Resistance to flow:	≤ 2 mm	≤ 2 mm	=	
– Loss of volume	≤ 10 %			
– Tensile properties at maintained extension	=	=	Pass	
– Tensile properties at maintained extension after immersion in water	Pass	=	=	
– Secant modulus at -30°C	≤ 0,9 MPa			
– Tensile properties at maintained extension at -30°C	Pass	Pass	Pass	
– Tear resistance	=	=	Pass	
– Adhesion/cohesion properties after exposure to artificial light	=	Pass	=	
– Elastic recovery	=	≥ 70 %	=	
– Adhesion/cohesion properties at maintained extension after immersion in water	=	=	Pass	
– Adhesion/cohesion properties at maintained extension after immersion in salt water	=	=	Pass	
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.