

## DECLARATION OF PERFORMANCE N. CPR-IT1/0449

- 1) Unique identification code of the product-type: **MAPEFLEX MS45**
- 2) Intended uses: **sealant for non-structural internal and external use in façade elements and pedestrian walkways, also in cold climates**
- 3) Manufacturer: **MAPEI S.p.A. – Via Cafiero, 22 – 20158 Milan – Italy - [www.mapei.it](http://www.mapei.it)**
- 4) Systems of AVCP: **System 3**
- 5) Harmonized standards: **EN 15651-1:2012, EN 15651-4:2012**

Notified bodies: **The notified laboratory Tecnia Research & Innovation, N. 1292, carried out the assessment of the performance on the basis of testing on samples taken by the manufacturer.**

**The notified laboratory CSI S.p.A., N. 0497, carried out the assessment of the reaction to fire on the basis of testing on samples taken by the manufacturer.**

- 6) Performances declared:  
**EN 15651-1    F-EXT-INT-CC                    (CLASS 20HM)**  
**Conditioning:                    Method B**  
**Substrate:                        Mortar M2 with PRIMER FD**

Essential characteristics	Performances
Reaction to fire	Class E
Release of dangerous substances	See SDS
Water tightness and air tightness:	
– Resistance to flow	≤ 3 mm
– Loss of volume	≤ 10 %
– Tensile properties at maintained extension after immersion in water at 23°C	Pass
– Tensile properties at maintained extension at -30°C	Pass
Durability	Pass

**EN 15651-4 PW-EXT-INT-CC ( CLASS 20HM )**

**Conditioning:** *method B*

**Substrate:** *Mortar M2 with PRIMER FD*

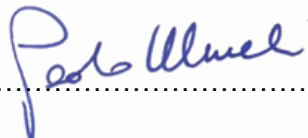
Essential characteristics	Performances
Reaction to fire	Class E
Release of dangerous substances	See SDS
Water tightness and air tightness:	
– Tensile properties at maintained extension	Pass
– Loss of volume	≤ 10 %
– Tear resistance	Pass
– Adhesion and cohesion properties at maintained extension after immersion in water	Pass
– Adhesion and cohesion properties at maintained extension after immersion in salt water	Pass
– Tensile properties at maintained extension at -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.*

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

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<div>14</div> <div>CPR-IT1/0449</div> <div>EN 15651-1 F-EXT-INT-CC</div> <div>EN 15651-4 PW-EXT-INT-CC</div> <div>MAPEFLEX MS45</div> <div>Sealant for non–structural internal and external use in façade elements and pedestrian walkways, also in cold climates</div>		
<div>Conditioning: method B</div> <div>Substrate: mortar M2 with PRIMER FD</div>		
	EN 15651-1	EN 15651-4
<div>Reaction to fire</div> <div>Release of dangerous substances</div>	Class E See SDS	
<div>Water tightness and air tightness:</div> <div>– Resistance to flow</div> <div>– Loss of volume</div> <div>– Tensile properties at maintained extension after immersion in water at 23°C</div> <div>– Tensile properties at maintained extension</div> <div>– Tear resistance</div> <div>– Adhesion and cohesion properties at maintained extension after immersion in water</div> <div>– Adhesion and cohesion properties at maintained extension after immersion in salt water</div> <div>– Tensile properties at maintained extension at -30°C</div> <div>Durability</div>	<div>≤ 3 mm</div> <div>≤ 10 %</div> <div>Pass</div> <div>==</div> <div>==</div> <div>==</div> <div>==</div> <div>==</div> <div>Pass</div> <div>Pass</div>	<div>==</div> <div>≤ 10 %</div> <div>==</div> <div>Pass</div> <div>Pass</div> <div>Pass</div> <div>Pass</div> <div>Pass</div> <div>Pass</div> <div>Pass</div>

### CE reminder printed on the cartridge

 1292,0497 14 CPR-IT1/0449 EN 15651-1 F-EXT-INT-CC EN 15651-4 PW-EXT-INT-CC	
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#### 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.