

DECLARATION OF PERFORMANCE N. CPR-IT1/0584

- 1) Unique identification code of the product-type: **MAPEFLEX PU 45 FT**
- 2) Intended uses: **Polyurethane sealant for non-structural internal and external use in façade elements and floor joints in buildings 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 15651-4:2012**

Notified bodies **FUNDACION TECNALIA RESEARCH & INNOVATION, N. 1292
CSI SPA, N. 0497**

- 6) Performances declared:

EN 15651-1 **F-EXT-INT-CC (CLASS 20HM)**
Conditioning: **Method B**
Substrate: **Mortar M2 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:	≤ 10%
– Tensile properties (elongation) at maintained extension after water immersion:	Pass
– Tensile properties (at maintained extension) for non-structural sealants used in joints in cold climate areas (-30°C):	Pass
Durability:	Pass

EN 15651-4 **PW-EXT-INT-CC (CLASS 20HM)**
Conditioning: **method B**
Substrate: **Mortar M2 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:	
– Tensile properties at maintained extension:	Pass
– Loss of volume:	≤ 10%
– Tear resistance:	Pass
– Adhesion/cohesion properties at maintained extension after 28 days water immersion:	Pass
– Adhesion/cohesion properties at maintained extension after 28 days salt water immersion:	Pass
– Tensile properties at maintained extension at (-30 ± 2)°C for cold climate areas:	Pass
Durability:	Pass

The performance of the product identified above is in conformity with the set of declared performances.



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MAPEFLEX PU 45 FT
Declaration of Performance
N. CPR-IT1/0584

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, 25/11/2022

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 1 notes:	Product unchanged, Dop layout updated
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MAPEFLEX PU 45 FT
CE MARKING
Annex to DoP N. CPR-IT1/0584

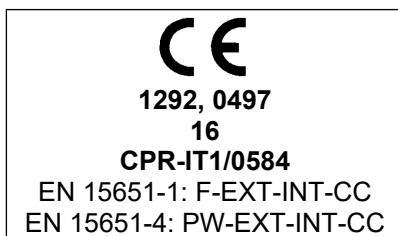


CE 1292, 0497	MAPEI Via Cafiero, 22 – 20158 Milano (Italy) www.mapei.it	
16 CPR-IT1/0584		
EN 15651-1: F-EXT-INT-CC EN 15651-4: PW-EXT-INT-CC		
MAPEFLEX PU 45 FT		
<i>Polyurethane sealant for non-structural internal and external use in façade elements and floor joints in buildings and pedestrian walkways, also in cold climates</i>		
	15651-1	15651-4
Conditioning:	Method B	
Substrate:	Mortar M2	
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	----
– Tensile properties at maintained extension:	----	Pass
– Loss of volume:	$\leq 10\%$	
– Tensile properties (elongation) at maintained extension after water immersion:	Pass	----
– Tear resistance:	----	Pass
– Adhesion/cohesion properties at maintained extension after 28 days water immersion:	----	Pass
– Adhesion/cohesion properties at maintained extension after 28 days salt water immersion:	----	Pass
– Tensile properties (at maintained extension) for non-structural sealants used in joints in cold climate areas (-30°C):	Pass	----
– Tensile properties at maintained extension at (-30 ± 2)°C for cold climate areas:	----	Pass
Durability:	Pass	

MAPEFLEX PU 45 FT
CE MARKING
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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:

- *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.*