

DECLARATION OF PERFORMANCE N. CPR-IT1/449

- 1) Unique identification code of the product type: **MAPESIL 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 Milano – Italia - www.mapei.it**
- 4) Systems of AVCP: **System 3**
- 5) Harmonised 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) Declared performances:

EN 15651-1:2012 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	≤ 2 mm
– Loss of volume	≤ 10 %
– Tensile properties at maintained extension after immersion in water at 23°C	Pass
– 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 20HM)**

Conditioning: **method B**

Substrate: **Mortar M2 with primer FD**

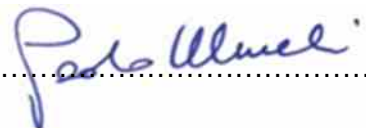
Essential characteristics	Performances
Reaction to fire	Class E
Release of dangerous substances	See SDS
Water tightness and air tightness:	
– Tensile properties at maintained extension	Pass
– Loss of volume	≤ 10 %
– Tear resistance	Pass
– Adhesion and cohesion properties at maintained extension after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

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



DoP in Pdf format are available in the Mapei website