

DECLARATION OF PERFORMANCE N. CPR/0568

- 1) Unique identification code of the product-type: **MAPEFLOOR EP 90**
- 2) Intended uses: **Hydraulic mortar modified by the addition of polymer additives (R4-PC) for structural repair of concrete in building and civil engineering works**
- 3) Manufacturer: **MAPEI S.p.A. – Via Cafiero, 22 – 20158 Milan – Italy - www.mapei.it**
- 4) Systems of AVCP: **System 2+**
System 3 (for reaction to fire)
- 5) Harmonized standards: **EN 1504-3:2005**

Notified bodies: **the notified body ICMQ SpA, N. 1305, performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control.**

The notified laboratory CSI SpA, N. 0497, carried out the assessment of the performance (reaction to fire) on the basis of testing on samples taken by the manufacturer.

- 6) Performances declared:

Essential characteristics	Performances
Compressive strength:	Class R4
Chloride ion content:	≤ 0,05%
Adhesive Bond:	≥ 2,0 MPa
Elastic modulus:	≥ 20 GPa
Thermal compatibility:	
- Freeze-Thaw	≥ 2,0 MPa
- Thunder Shower	≥ 2,0 MPa
Capillary absorption:	≤ 0,5 kg*m⁻²*h^{-0,5}
Reaction to fire:	D-s2,d0 / B_{fl}-s1
Dangerous substances:	NPD

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, 05/07/2017





DoP in Pdf format are available in the Mapei website.

Revision 1 notes:	Product unchanged, corrected typo in the systems of AVCP
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MAPEFLOOR EP 90
CE MARKING
Annex to DoP N. CPR-IT1/0568



 1305, 0497	 Via Cafiero, 22 – 20158 Milano (Italy) www.mapei.it
<p style="text-align: center;"> 16 CPR-IT1/0568 EN 1504-3 MAPEFLOOR EP 90 <i>Hydraulic mortar modified by the addition of polymer additives (R4-PC) for structural repair of concrete in building and civil engineering works</i> </p>	
Compressive strength: Chloride ion content: Adhesive Bond: Elastic modulus: Thermal compatibility: - Freeze-Thaw - Thunder Shower Capillary absorption: Reaction to fire: Dangerous substances:	Class R4 $\leq 0,05\%$ $\geq 2,0 \text{ MPa}$ $\geq 20 \text{ GPa}$ $\geq 2,0 \text{ MPa}$ $\geq 2,0 \text{ MPa}$ $\leq 0,5 \text{ kg}\cdot\text{m}^{-2}\cdot\text{h}^{-0,5}$ D-s2,d0 / B _f -s1 NPD

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.