PLANITOP RASA & RIPARA R4 ZERO
Declaration of Performance
N. CPR-IT1/0984

DECLARATION OF PERFORMANCE N. CPR-IT1/0984

1) Unique identification code of the product-type: **PLANITOP RASA & RIPARA R4 ZERO**

2) Intended uses: **Hydraulic mortar based on hydraulic binder (R4-CC) 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 4 (for reaction to fire)

5) Harmonized standards: **EN 1504-3:2005**

Notified bodies: **ICMQ SpA, N. 1305,**

6) Performances declared:

Essential characteristics	Performances
Compressive strength:	**Class R4**
Chloride ion content:	**≤ 0,05%**
Adhesive bond:	**≥ 2,0 MPa**
Carbonation resistance:	**Passes**
Elastic Modulus:	**≥ 20 GPa**
Thermal compatibility:	**≥ 2,0 MPa (Freeze-Thaw cycling)**
Capillary absorption:	**≤ 0,5 kg·m^{-2}·h$^{-0,5}$**
Reaction to fire:	**Class A1**
Dangerous substances:	**NPD**

7) Appropriate Technical Documentation: **included, as long as needed, in the technical dossier stored by the manufacturer. Reaction to fire class declared without the need for testing according to the Decision of the Commission 96/603/EC and following amendments.**

Organic material < 1% by mass and volume.

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: **Lorenzo Martino – *Corporate Quality Management***

Milan, 13/02/2023 .....

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 0 notes:	*First issue*

PLANITOP RASA & RIPARA R4 ZERO
CE MARKING
Annex to DoP N. CPR-IT1/0984

CE 1305	MAPEI **Via Cafiero, 22 – 20158 Milano (Italy)** **www.mapei.it**
23 **CPR-IT1/0984** **EN 1504-3** **PLANITOP RASA & RIPARA R4 ZERO** *Hydraulic mortar based on hydraulic binder (R4-CC) for structural repair of concrete in building and civil engineering works*	
Compressive strength:	Class R4
Chloride ion content:	≤ 0,05%
Adhesive bond:	≥ 2,0 MPa
Carbonation resistance:	Passes
Elastic Modulus:	≥ 20 GPa
Thermal compatibility:	≥ 2,0 MPa (Freeze-Thaw cycling)
Capillary absorption:	≤ 0,5 $kg \cdot m^{-2} \cdot h^{-0,5}$
Reaction to fire:	Class A1
Dangerous substances:	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:

- *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.*