

**DECLARATION OF PERFORMANCE N. UKCA-IT1/0212**

- 1) Unique identification code of the product-type: **MAPEGROUT TISSOTROPICO ZERO**
- 2) Intended uses: **Hydraulic mortar modified by the addition of polymer additives (R4-PCC) 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](http://www.mapei.it)**
- 4) Systems of AVCP: **System 2+  
System 4 (for reaction to fire)**
- 5) Designated standards: **EN 1504-3:2005**  
Approved bodies: **LRQA Verification Ltd, N. 0038**
- 6) Performances declared:

Essential characteristics	Performances
<b>Compressive strength:</b>	<b>Class R4</b>
<b>Chloride ion content:</b>	<b>≤ 0,05%</b>
<b>Adhesive bond:</b>	<b>≥ 2,0 MPa</b>
<b>Carbonation resistance:</b>	<b>Pass</b>
<b>Elastic modulus:</b>	<b>≥ 20 GPa</b>
<b>Thermal compatibility:</b>	<b>≥ 2,0 MPa (Freeze-thaw)</b> <b>≥ 2,0 MPa (Thunder shower)</b> <b>≥ 2,0 MPa (Dry cycling)</b>
<b>Capillary absorption:</b>	<b>≤ 0,5 kg·m<sup>-2</sup>·h<sup>-0,5</sup></b>
<b>Reaction to fire:</b>	<b>Class A1</b>
<b>Dangerous substances:</b>	<b>NPD</b>

- 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 as it has effect in the United Kingdom in respect of Great Britain.**

**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 as it has effect in the United Kingdom in respect of Great Britain, 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 as amended from time to time and as it has effect in the United Kingdom in respect of Great Britain 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.*

<b>Revision 0 notes:</b>	<b>First Issue</b>
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**MAPEGROUT TISSOTROPICO  
ZERO**  
**UK MARKING**  
*Annex to DoP N. UKCA-IT1/0212*



 0038	 Via Cafiero, 22 – 20158 Milano (Italy) www.mapei.it
<b>23</b> <b>UKCA-IT1/0212</b> <b>EN 1504-3</b> <b>MAPEGROUT TISSOTROPICO ZERO</b> <i>Hydraulic mortar modified by the addition of polymer additives (R4-PCC) for structural repair of concrete in building and civil engineering works</i>	
Compressive strength:	Class R4
Chloride ion content:	≤ 0,05%
Adhesive bond:	≥ 2,0 MPa
Carbonation resistance:	Pass
Elastic modulus:	≥ 20 GPa
Thermal compatibility:	≥ 2,0 MPa (Freeze-thaw) ≥ 2,0 MPa (Thunder shower) ≥ 2,0 MPa (Dry cycling)
Capillary absorption:	≤ 0,5 kg·m <sup>-2</sup> ·h <sup>-0,5</sup>
Reaction to fire:	Class A1
Dangerous substances:	NPD

**Note:**

MAPEI supplies the current annex along with the DoP to make the consultancy of the UK marking easier for the clients. The enclosed UK 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 UK marking,
- graphic adaptations due to lack of space on the packaging or printing methods used,
- the product is already in stock when the updating of the UK marking is implemented,
- printing mistakes.