

Declaration of performance: No. CPR-IT1/0334

1. Unique identification code of the product-type: **RESFOAM 1 KM**
2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the CPR:
CONCRETE INJECTION POLYURETHANE RESIN - U(S1)W(8)(1)(5/30)
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:
Product for the repair and protection of concrete structure by swelling fitted filling of cracks
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5): **MAPEI S.p.A. – Via Cafiero, 22 – Milano (Italy) www.mapei.it**
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2): **Not applicable**
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 2+**
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:
The Notified Body ICMQ S.p.A., No. 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, under system 2+, and issued the certificate of conformity of the factory production control No. 1305-CPD-1074.
8. In the case the declaration of performance concerning a construction product for which a European Technical assessment has been issued: **Not applicable**
9. Declared performance:

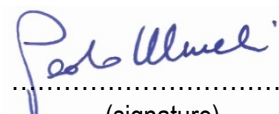
Essential characteristics	Performance	Harmonised technical specification
Watertightness: Workability: – crack width: – moisture state of the crack Corrosion behaviour: Expansion ratio and evolution by water storage: Durability: Dangerous substances:	S1 from 0,8 mm dry deemed to have no corrosive effect $\Delta V_{14dd} = 0,3\%$; $\Delta W_{14dd} = 315\%$ Pass NPD	EN 1504-5:2004

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.



This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by: **Paolo Murelli – Corporate Quality Management**
(name and function)

Milan, 01/07/2013
(place and date of issue)


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(signature)

CE MARKING according to CPR 305/2011 and EN 1504-5:2004

 1305	 Via Cafiero, 22 – 20158 Milano (Italy) www.mapei.it
<p style="text-align: center;">11 CPR-IT1/0334 EN 1504-5:2004 RESFOAM 1 KM</p> <p style="text-align: center;"><i>Concrete injection product for the repair and protection of concrete structure: U(S1)W(8)(1)(5/30)</i></p> <p>Watertightness: S1</p> <p>Workability:</p> <ul style="list-style-type: none">- crack width: from 0.8 mm- moisture state of the crack: dry <p>Corrosion behaviour: deemed to have no corrosive effect</p> <p>Expansion ratio and evolution by water storage $\Delta V_{14dd} = 0.3\%$; $\Delta W_{14dd} = 315\%$</p> <p>Durability: Pass</p> <p>Dangerous substances: NPD</p>	