

Declaration of performance: No. CPR-NO1/0090

1. Unique identification code of the product-type: **Redirep 45RSF**
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:

Hydraulic mortar based on hydraulic cement - (R4-PCC)

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

For structural and non-structural repair of concrete in buildings and civil engineering works

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5): **MAPEI AS. – Vallsetvegen 5 – N-2120 Sagstua, Norway www.mapei.no**

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+
System 3 for reaction to fire**

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

The Notified Body Sintef Building and Infrastructure No. 1071 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 certificates of conformity of the factory production control No. 1071-CPD-1681.

The notified testing laboratory MPA Dresden GmbH, No. 0767, performed the determination of the class of reaction to fire on samples taken by the manufacturer, under system 3, and issued the report No. 2012-B-5482/04

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

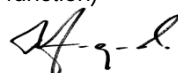
Essential characteristics	Performance	Harmonised technical specification
Compressive strength: Chloride ion content: Adhesive Bond: Carbonation resistance: Elastic modulus: Thermal compatibility part 1: Capillary absorption: Dangerous substances: Reaction to fire:	Class R4 ≤ 0,05% ≥ 2,0 MPa Pass ≥ 20 GPa ≥ 2,0 MPa ≤ 0,5 kg*m⁻²*h^{-0,5} see SDS Class A1	EN 1504-3:2005

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: **Trond Hagerud – Managing Director**

(name and function)





Sagstua 01/07/2013

(place and date of issue)

.....
(signature)

CE MARKING according to CPR 305/2011 and EN 1504-3:2005

 1071	 Vallsetvegen 6, 2120 Sagstua (Norway) www.mapei.no
<p style="text-align: center;">12</p> <p style="text-align: center;">CPR-NO1/0090 EN 1504-3:2005 Redirep 45 RSF</p> <p>Concrete repair product for structural and non-structural repair, PCC</p> <p style="text-align: center;">Compressive strength: Class R4 ($\geq 45,0$ MPa) Chloride ion content: $\leq 0,05\%$ Adhesive Bond: $\geq 2,0$ MPa Carbonation resistance: Pass Elastic modulus: ≥ 20 GPa Thermal compatibility part 1: $\geq 2,0$ MPa Capillary absorption: $\leq 0,5 \text{ kg} \cdot \text{m}^{-2} \cdot \text{h}^{-0,5}$ Dangerous substances: See SDS Reaction to fire: Class A1</p>	