

DECLARATION OF PERFORMANCE

Nr. 001aCPR2013-07-10
Ref: Penetron-20.07

1. Unique identification code of the product-type: **Products and systems for the structural and non-structural protection and repair of concrete structures with the trade name(s):**

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2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4): **Products and systems for the structural and non-structural protection and repair of concrete structures with the trade name(s):**

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3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Products and systems for the structural and non-structural protection and repair of concrete structures**

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5): **PENETRON INTERNATIONAL LTD. / 601 South 10th Street, Unit 300 / Allentown, PA 18103 USA**

Tel. +1(631) 941-9700 / Fax: +1(631) 941-9777 / Email: info@penetron.com

5. Where applicable, name and contact address of the authorised representative whose mandate covers the task specified in Article 12(2): **PENETRON INTERNATIONAL LTD. / 45 Research Way, Suite 203 / East Setauket, NY 11733 USA**

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6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 2+ and System 4**

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:
The notified production control certification body **OFI Technologie & Innovation GmbH, Nr. 1085**, performed the initial inspection of the manufacturing plant and the factory production control and the continuous surveillance, assessment and evaluation of the factory production control under **system 2+** and issued a certificate of conformity of the factory production control with the number **1085-CPR-0040** according to **EN 1504-3:2005**.

The notified production control certification body **ICMQ S.P.A., No. 1305**, performed the initial inspection of the manufacturing plant and the factory production control and the continuous surveillance, assessment and evaluation of the factory production control under system 2+ and issued a certificate of conformity of the factory production control with the number **1305-CPR-1390** according to **EN 1504-2:2004** and **EN 1504-7:2006**.

8. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Compressive strength	R3 (≥ 25 MPa)	EN 1504-2:2004
Chloride content	< 0,05 % by mass	
Adhesive bond	R3 (≥ 1,5 Mpa)	
Restrained shrinkage, expanding	NPD	EN 1504-3:2005
Corrosion behaviour	Deemed to have no corrosive effect	EN 1504-7:2006
Elastic modulus	NPD	
Thermal compatibility	NPD	
Reaction to fire	Class A1	
Dangerous substances	NPD	
Permeability to water vapour	Class I < 5 m	
Corrosion protection	Coated zones free from corrosion	
Capillary absorption and Permeability to water	< 0,1 kg/m ² ·h ^{0,5}	
Resistance to Severe Chemical attack	Class II < 50% reduction in hardness	

9. The performance of the product identified in points 1 and 2 is in conformance with the declared performance in point 8. 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:


Robert Revera - President & CEO

Name/Title

02/19/2021

Date

PENETRON INTERNATIONAL, LTD.

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