

DECLARATION OF PERFORMANCE

Nr. 002CPR2013-07-10

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):**

PENETRON, PENECRETE, PENEPLUG, WATERPLUG

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):**

PENETRON, PENECRETE, PENEPLUG, WATERPLUG

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**

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

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 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-CPD-0040** according to **EN 1504-3:2005**.

8. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Compressive strength	R3 (≥ 25 MPa) ¹ R4 (≥ 45 MPa) ²	EN 1504-3:2005
Chloride content	< 0,05 % by mass	
Adhesive bond	NPD	
Restrained shrinkage, expanding	NPD	
Corrosion behaviour	Deemed to have no corrosive effect	
Elastic modulus	NPD	
Thermal compatibility	NPD	
Reaction to fire	NPD	
Dangerous substances	NPD	

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:

Tara Raycraft
Sales Coordinator Manager 7/12/13

Name/Title

Date

Certified True and Correct
Tara Raycraft

CMR

PENETRON INTERNATIONAL, LTD.

DECLARATION OF PERFORMANCE

Nr. 005CPR2013-07-10

1. Unique identification code of the product-type: **Crystalline capillary and water resisting admixtures for concrete with the trade name(s):**

PENETRON ADMIX

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4): **Crystalline capillary and water resisting admixtures for concrete with the trade name(s):**

PENETRON ADMIX

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Crystalline capillary and water resisting admixtures for concrete**
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**
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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**
Tel. +1(631) 941-9700 / Fax: +1(631) 941-9777 / Email: info@penetron.com
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 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-CPD-0044** according to **EN 934-2:2006**.

8. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Chloride content	<0,10 % by mass	EN 934-2:2006
Alkali content	<10,3 % by mass	
Compressive strength	≥ 85 % of control	
Conventional dry material content	> 99,5 %	
Air content in fresh concrete	≤ 2 % by volume	
Capillary absorption (after 90 day curing)	≤ 60 % by mass	
Dangerous substances	NPD	

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:

Tara Raycraft
Sales Coordinator Manager 7/12/2013

Name/Title

Date

Certified True and Correct
Tara Raycraft

TR

PENETRON INTERNATIONAL, LTD.

DECLARATION OF PERFORMANCE

Nr. 006CPR2013-07-10

1. Unique identification code of the product-type: **Impregnations for protection and repair of concrete structures – Protection against penetration (Class 1.2 (I)) and increasing of physical resistance (Class 5.2 (I)) with the trade name(s):**

PENESEAL PRO, PENESEAL FH

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4): **Impregnations for protection and repair of concrete structures – Protection against penetration (Class 1.2 (I)) and increasing of physical resistance (Class 5.2 (I)) with the trade name(s):**

PENESEAL PRO, PENESEAL FH

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

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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+**

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-CPD-0080** according to **EN 1504-2:2004**.

8. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Capillary water absorption	Class II	EN 1504-2:2004
Abrasion resistance	≥ 30 % improvement	
Penetration depth	≥ 5 mm	
Impact strength	Class III (≥ 20 Nm)	
Bond strength by pull-off	≥ 0,8 N/mm²	
Reaction to fire	NPD	
Dangerous substances	NPD	

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:

Tara Raycraft
Sales Coordinator Manager 7/12/13

Name/Title

Date

Certified True and Correct
Tara Raycraft



PENETRON INTERNATIONAL, LTD.

DECLARATION OF PERFORMANCE

Nr. 003CPR2013-07-10

1. Unique identification code of the product-type: **Products and systems for the protection and repair of concrete structures – Injection product for force transmitting filling of cracks (U (F1) W (1) (5/30) (1-3) (0)) with the trade name(s):**

PENETRON INJECT

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 protection and repair of concrete structures – Injection product for force transmitting filling of cracks (U (F1) W (1) (5/30) (1-3)(0)) with the trade name(s):**

PENETRON INJECT

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 protection and repair of concrete structures – Injection product for force transmitting filling of cracks (U (F1) W (1) (5/30) (1-3)(0))**
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**

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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+**

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-CPD-0041** according to **EN 1504-5:2004**.

8. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Adhesive by tensile bond strength	> 2 MPa	EN 1504-5:2004
Adhesion by slant shear strength	Monolithic failure	
Glass transition temperature	NPD	
Shrinkage	< 3 %	
Workability	Crack width from 0,1 mm, dry and damp	
Corrosion behaviour	Deemed to have no corrosive effect	
Reaction to fire	NPD	
Dangerous substances	NPD	

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:

Tara Raycraft
Sales Coordinator Manager 7/12/13

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