

Declaration Of Performance

No. 14.026-12-05D100919-05

1. Unique identification code of the product-type:

PENECOAT HYPER ELASTIC BLACK

2. Intended use/es:

Surface protection product for concrete – coating - Protection against ingress [Class 1.3]

3. Manufacturer:

PENETRON HELLAS S.A. / 50 Thrakomakedonon Av. / Acharnes, GR 13679 GREECE
Tel. (+30) 2102448250 / Fax: (+30) 2102476803 / Email: info@penetron.gr

4. Authorized Representative:

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5. System / AVCP:

System 4

6a. Harmonised Standard: **EN 1504-2:2004**

Notified body: **Not Applicable**

6b. European Assessment Document: **Not Applicable**

European Technical Assessment: **Not Applicable**

Technical Assessment Body: **Not Applicable**

Notified body: **Not Applicable**

7. Declared performances:

Essential characteristics	Performance	European Norm
Linear shrinkage	NPD	EN 1504-2:2004
Coefficient of thermal expansion	NPD	
Adhesion by cross-cut test	NPD	
Permeability to CO ₂	s _D > 50 m	
Water vapour permeability	Class I: s _D < 5 m	
Capillary absorption and permeability to water	$\omega < 0,1 \text{ kg/m}^2 \cdot \text{h}^{0,5}$	
Thermal compatibility	NPD	
Resistance to thermal shock	NPD	
Chemical resistance	NPD	
Crack bridging ability	NPD	
Adhesion strength by pull-off test	$\geq 0,8 (0,5) \text{ N/mm}^2$	
Reaction to fire	Class F	
Slip / skid resistance	NPD	
Behavior after artificial weathering	NPD	
Antistatic behavior	NPD	
Adhesion on wet concrete	NPD	
Dangerous substances	According to 5.3	
Resistance to root penetration	Resistance	Test Method CENTS 14416 EX:2014

8. Appropriate Technical Documentation and/or Specific Technical Documentation: **The technical requirements and the performances of the products are documented at the Technical File of the products and at the Technical Brochures of the Company.**

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer:

Kyriakos Petrou
Mechanical Engineer MSc.
Technical Support – Head

Nikos Frouzakis
Civil Engineer T.E.
Technical Sales – Head



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Acharnes, Greece, September 10, 2019

(Signature)