



kerakoll

DECLARATION OF PERFORMANCE No 0300

1. Unique identification code of the product-type: **GEOLITE**
2. Intended use/es:
Coating for surface protection of concrete structures according to principles 2 (MC), 5 (PR) and 8 (IR)
3. Manufacturer:
KERAKOLL Hellas E.P.E. - 1st km. Schimatari-Avlida Rd. - 32009 Schimatari-Viotia - Greece
4. System/s of AVCP: **System 2+ and System 4 for reaction to fire**
5. Harmonised standard: **EN 1504-2:2004**
Notified body/ies: **S.G.S. Italia No.1381**
6. Declared performance/s:

Essential characteristics	Performance
Reaction to fire	Class A1
Permeability to water vapour Capillary absorption and permeability to water Adhesion strength by pull-off test Linear shrinkage Coefficient of thermal expansion Abrasion resistance Adhesion after thermal compatibility (freeze-thaw cyc.) Impact resistance	Class I, $S_D < 5 \text{ m}$ $w < 0,1 \text{ kg} \cdot \text{m}^{-2} \cdot \text{h}^{-0,5}$ $\geq 2,0 \text{ N/mm}^2$ $\leq 0,3\%$ $\alpha t \leq 30 \cdot 10^{-6} \text{ }^\circ\text{K}^{-1}$ weight loss $< 3000 \text{ mg}$ $\geq 2,0 \text{ N/mm}^2$ Class III
Release of dangerous substances	See SDS

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 by: **Zissis Koulaxidis (General Manager)**

At Schimatari-Viotia, on 16/12/2022

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KERAKOLL ΕΛΛΑΣ Ε.Π.Ε. – 1ο Χλμ. Σχηματαρίου – Αυλίδας, Θέση Ρουθούνια – 32009 Σχηματάρι Βοιωτίας, Ελλάδα
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Α.Φ.Μ.: 099224696, Γενικό Εμπορικό Μητρώο (Γ.Ε.ΜΗ.): 013412517000, Μετοχικό Κεφάλαιο: 5.001.270 €



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DECLARATION OF PERFORMANCE No 0300

1. Unique identification code of the product-type: **GEOLITE**
2. Intended use/es:
Product for concrete structural repair according to principles: 3 (CR), 4 (SS) and 7 (RP)
3. Manufacturer:
KERAKOLL Hellas E.P.E. - 1st km. Schimatari-Avlida Rd. - 32009 Schimatari-Viotia - Greece
4. System/s of AVCP: **System 2+ and System 4 for reaction to fire**
5. Harmonised standard: **EN 1504-3:2005**
Notified body/ies: **S.G.S. Italia No.1381**
6. Declared performance/s:

Essential characteristics	Performance
Reaction to fire	Class A1
Compressive strength	Class R4
Chloride ion content	≤ 0,05 %
Adhesive bond	≥ 2,0 MPa
Thermal compatibility (freeze-thaw)	≥ 2,0 MPa
Capillary absorption	≤ 0,5 kg·m⁻² h^{-0,5}
Elastic modulus CC	≥ 20 GPa
Elastic modulus PCC	≥ 20 GPa
Carbonation resistance	Pass
Release of dangerous substances	See SDS

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1. Unique identification code of the product-type: **GEOLITE**
2. Intended use/es: **Repair products for concrete, used in buildings and civil engineering works according to principle 4 (SS).**
Manufacturer: **KERAKOLL Hellas E.P.E. - 1st km. Schimatari-Avlida Rd. - 32009 Schimatari-Viotia - Greece**
3. System/s of AVCP: **System 2+ and System 4 for reaction to fire**
4. Harmonised standard: **EN 1504-6:2006**
Notified body/ies: **S.G.S. Italia No.1381**
5. Declared performance/s:

Essential characteristics	Performance
Reaction to fire	Class A1
Pull-out strength displacement Chloride ion content	≤ 0,6 mm at load of 75 KN ≤ 0,05 %
Release of dangerous substances	See SDS

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DECLARATION OF PERFORMANCE No 0300

6. Unique identification code of the product-type: **GEOLITE**
7. Intended use/es:
Product for reinforcement corrosion protection according to principle 11 (CA)
8. Manufacturer:
KERAKOLL Hellas E.P.E. - 1st km. Schimatari-Avlida Rd. - 32009 Schimatari-Viotia - Greece
9. System/s of AVCP: **System 2+ and System 4 for reaction to fire**
10. Harmonised standard: **EN 1504-7:2006**
Notified body/ies: **S.G.S. Italia No.1381**
11. Declared performance/s:

Essential characteristics	Performance
Shear adesion	Pass
Corrosion protection	Pass
Release of dangerous substances	See SDS

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.

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