



# kerakoll

## DECLARATION OF PERFORMANCE No 0190

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 Ibérica, S.A. – Ctra. Alcora Km 10,450 Castellón - España**
4. System/s of AVCP: **System 2+ and System 4 for reaction to fire**
5. Harmonised standard: **EN 1504-2:2004**  
Notified body/ies: **LRQA Iberia No.0094**
6. Declared performance/s:

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

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: **Pau Ramia (legal representative)**

At Castellón, on 04/03/2025

kerakoll.com

KERAKOLL IBÉRICA S.A. – Carretera de Alcora, km. 10,450 – 12006 Castellón de la Plana – España

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C.I.F. A-12331435. Inscrita en el Registro Mercantil de CASTELLÓN, TOMO 594, LIBRO 161, FOLIO 101, HOJA N.º CS 4393, INSC. I.ª SECC. G.



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## DECLARATION OF PERFORMANCE No 0190

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 Ibérica, S.A. – Ctra. Alcora Km 10,450 Castellón - España**
4. System/s of AVCP: **Syistem 2+ and System 4 for reaction to fire**
5. Harmonised standard: **EN 1504-3:2005**  
Notified body/ies: **LRQA Iberia No.0094**
6. Declared performance/s:

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

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## DECLARATION OF PERFORMANCE No 0190

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).**
3. Manufacturer: **Kerakoll Ibérica, S.A. – Ctra. Alcora Km 10,450 Castellón - España**
4. System/s of AVCP: **System 2+ and System 4 for reaction to fire**
5. Harmonised standard: **EN 1504-6:2006**  
Notified body/ies: **LRQA Iberia No.0094**
6. Declared performance/s:

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

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## DECLARATION OF PERFORMANCE No 0190

7. Unique identification code of the product-type: **GEOLITE**
8. Intended use/es: **Product for reinforcement corrosion protection according to principle 11 (CA).**
9. Manufacturer: **Kerakoll Ibérica, S.A. – Ctra. Alcora Km 10,450 Castellón - España**
10. System/s of AVCP: **System 2+**
11. Harmonised standard: **EN 1504-7:2006**  
Notified body/ies: **LRQA Iberia No.0094**
12. Declared performance/s:

| Essential characteristics              | Performance    |
|--|----------------|
| <b>Shear adesion</b>                   | <b>Pass</b>    |
| <b>Corrosion protection</b>            | <b>Pass</b>    |
| <b>Release of dangerous substances</b> | <b>See SDS</b> |

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