



# kerakoll

## DECLARATION OF PERFORMANCE No 0192

1. Unique identification code of the product-type: **GEOLITE 40**
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: **S.G.S. Italia No.1381**
6. Declared performance/s:

Essential characteristics	Performance
<b>Reaction to fire</b>	<b>Class A1</b>
<b>Permeability to water vapour</b> <b>Capillary absorption and permeability to water</b> <b>Adhesion strength by pull-off test</b> <b>Linear shrinkage</b> <b>Coefficient of thermal expansion</b> <b>Abrasion resistance</b> <b>Resistance to thermal shock</b> <b>Impact resistance</b>	<b>Class I, <math>S_D &lt; 5</math> m</b> <b><math>w &lt; 0,1 \text{ kg} \cdot \text{m}^{-2} \cdot \text{h}^{-0,5}</math></b> <b><math>\geq 2,0 \text{ N/mm}^2</math></b> <b><math>\leq 0,3\%</math></b> <b><math>\alpha t \leq 30 \cdot 10^{-6} \text{ }^\circ\text{K}^{-1}</math></b> <b>weight loss <math>&lt; 3000 \text{ mg}</math></b> <b>adhesion strength <math>\geq 2,0 \text{ N/mm}^2</math></b> <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 16/12/2022

**kerakoll.com**

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

Tel. +34 964 251 500 – Fax +34 964 241 100 – e-mail: info@kerakoll.es

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 0192

1. Unique identification code of the product-type: **GEOLITE 40**
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: **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
<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·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 0192

1. Unique identification code of the product-type: **GEOLITE 40**
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: **S.G.S. Italia No.1381**
6. Declared performance/s:

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

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## DECLARATION OF PERFORMANCE No 0192

7. Unique identification code of the product-type: **GEOLITE 40**
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: **S.G.S. Italia No.1381**
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>

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 16/12/2022

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