



**DECLARATION OF PERFORMANCE No 0041**

1. Unique identification code of the product-type: **GEOLITE GEL**
2. Intended use/es: **Structural bonding product for bonded plate reinforcement**
3. Manufacturer: **Kerakoll S.p.A Via dell'Artigianato, 9 - 41049 Sassuolo (MO) Italia**
4. System/s of AVCP:  
**System 2+**  
**System 3 for reaction to fire**
5. Harmonised standard: **EN 1504-4:2005**  
Notified body/ies: **SGS Italia Nr. 1381**  
**Istituto Giordano Nr. 0407**
6. Declared performance/s:

Essential characteristics	Performance
<b>Reaction to fire</b>	<b>Class C-s2, d0</b>
<b>Bond/adhesion strength :</b> <ul style="list-style-type: none"><li>- <b>Pull off strength</b></li><li>- <b>Slant shear strength at 50°</b></li><li>- <b>Slant shear strength at 60°</b></li><li>- <b>Slant shear strength at 70°</b></li></ul> <b>Shear strength</b> <b>Shrinkage/expansion</b> <b>Workability</b> <b>Modulus of elasticity</b> <b>Coefficient of thermal expansion</b> <b>Glass transition temperature</b> <b>Durability</b>	<b>≥ 14 N/mm<sup>2</sup></b> <b>≥ 50 N/mm<sup>2</sup></b> <b>≥ 60 N/mm<sup>2</sup></b> <b>≥ 70 N/mm<sup>2</sup></b> <b>≥ 12 N/mm<sup>2</sup></b> <b>≤ 0,1%</b> <b>75 min at 20°C</b> <b>≥ 2000 N/mm<sup>2</sup></b> <b>≤ 100 x 10<sup>-6</sup> per K</b> <b>≥ 40°C</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: **Romano Sghedoni (legal representative)**

At Sassuolo, on 12/08/2020



**DECLARATION OF PERFORMANCE No 0041**

1. Unique identification code of the product-type: **GEOLITE GEL**
2. Intended use/es: **Anchoring product of reinforcing steel bar**
3. Manufacturer: **Kerakoll S.p.A Via dell'Artigianato, 9 - 41049 Sassuolo (MO) Italia**
4. System/s of AVCP:  
**System 2+**  
**System 3 for reaction to fire**
5. Harmonised standard: **EN 1504-6:2007**  
Notified body/ies: **SGS Italia Nr. 1381**  
**Istituto Giordano Nr. 0407**
6. Declared performance/s:

Essential characteristics	Performance
<b>Reaction to fire</b>	<b>Class C-s2, d0</b>
<b>Pull-out</b>	<b>≤ 0,6 mm</b>
<b>Creep under tensile load</b>	<b>≤ 0,6 mm</b>
<b>Glass transition temperature</b>	<b>≥ 45°C</b>
<b>Release of dangerous substances</b>	<b>See SDS</b>

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Signed for and on behalf of the manufacturer by: **Romano Sghedoni (legal representative)**

At Sassuolo, on 12/08/2020