



# kerakoll

## 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: **LRQA Inspection Iberia No. 0094**  
**Istituto Giordano Nr. 0407**
6. Declared performance/s:

Essential characteristics	Performance
<b>Reaction to fire</b>	<b>Class D-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><math>\geq 14 \text{ N/mm}^2</math></b> <b><math>\geq 50 \text{ N/mm}^2</math></b> <b><math>\geq 60 \text{ N/mm}^2</math></b> <b><math>\geq 70 \text{ N/mm}^2</math></b> <b><math>\geq 12 \text{ N/mm}^2</math></b> <b><math>\leq 0,1\%</math></b> <b>75 min at 20°C</b> <b><math>\geq 2000 \text{ N/mm}^2</math></b> <b><math>\leq 100 \times 10^{-6} \text{ per K}</math></b> <b><math>\geq 40^\circ\text{C}</math></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 08/09/2025

**kerakoll.com**

KERAKOLL Spa - Società con unico socio Fin Firel Spa - Soggetta a direzione e coordinamento di Fin-Firel Spa  
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Rea MO n. 231812 - Reg. Imp. / Cod. Fisc. / P. Iva IT 01174510360 - Cap. Soc. € 2.000.000,00 i.v.



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## 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: **LRQA Inspection Iberia No. 0094**  
**Istituto Giordano Nr. 0407**

6. Declared performance/s:

Essential characteristics	Performance
<b>Reaction to fire</b>	<b>Class D-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>

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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