

DECLARATION OF PERFORMANCE No 0221

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 principles 2 (MC), 5 (PR) and 8 (IR).**
3. Manufacturer: **Kerakoll Polska sp. z o.o., ul. Katowicka 128, 95-030 Rzgów**
4. System/s of AVCP:
System 2+
System 4 for reaction to fire
5. Harmonised standard: **EN 1504-2:2004**
Notified body/ies: **Sieć Badawcza Łukasiewicz - Instytut Ceramiki i Materiałów Budowlanych Nr1487**
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, $S_D < 5$ 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	NPD

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: **Jacek Szczycinski (legal representative)**



At Rzgów, on 23/02/2023

DECLARATION OF PERFORMANCE No 0221

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 principles 3 (CR), 4 (SS) and 7 (RP).**
3. Manufacturer: **Kerakoll Polska sp. z o.o., ul. Katowicka 128, 95-030 Rzgów**
4. System/s of AVCP:
System 2+
System 4 for reaction to fire
5. Harmonised standard: **EN 1504-3:2005**
Notified body/ies: **Sieć Badawcza Łukasiewicz - Instytut Ceramiki i Materiałów Budowlanych Nr1487**
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	NPD

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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 Polska sp. z o.o., ul. Katowicka 128, 95-030 Rzgów**
4. System/s of AVCP:
System 2+
System 4 for reaction to fire
5. Harmonised standard: **EN 1504-6:2007**
Notified body/ies: **Sieć Badawcza Łukasiewicz - Instytut Ceramiki i Materiałów Budowlanych Nr1487**
6. 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

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: **Jacek Szczycinski (legal representative)**



At Rzgów, on 23/02/2023

DECLARATION OF PERFORMANCE No 0221

7. Unique identification code of the product-type: **GEOLITE 40**
8. Intended use/es: **Repair products for concrete, used in buildings and civil engineering works according to principle 11 (CA).**
9. Manufacturer: **Kerakoll Polska sp. z o.o., ul. Katowicka 128, 95-030 Rzgów**
10. System/s of AVCP:
System 2+
11. Harmonised standard: **EN 1504-7:2006**
Notified body/ies: **Sieć Badawcza Łukasiewicz - Instytut Ceramiki i Materiałów Budowlanych Nr1487**
12. Declared performance/s:

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

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