

## DECLARATION OF PERFORMANCE Nr 0220

1. Unique identification code of the product-type: **GEOLITE 10**
2. Intended use/es:
  - a. Product in the form of a coating for the surface protection of concrete structures by controlling moisture ingress and increasing electrical resistivity, in accordance with principles: 2 (MC) and 8 (IR)
  - b. Product for structural repair of concrete in accordance with principles: 3 (CR), 4 (SS), and 7 (RP)
  - c. Product for anchoring in concrete strengthening applications by installing reinforcing steel, used in buildings and civil engineering works, in accordance with principle 4 (SS)
  - d. Product for the protection of reinforcement against corrosion in accordance with principle 11 (CA)
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:
  - a. **EN 1504-2:2004**
  - b. **EN 1504-3:2005**
  - c. **EN 1504-6:2006**
  - d. **EN 1504-7:2006**

Notified body/ies:

**Sieć Badawcza Łukasiewicz - Instytut Ceramiki i Materiałów Budowlanych Nr 1487**

6. Declared performance/s:

**a.**

Essential characteristics	Performance
Reaction to fire	Class A1
Linear shrinkage	≤ 0.3%
Coefficient of thermal expansion	$\alpha t \leq 30 \cdot 10^{-6} \text{ } ^\circ\text{K}^{-1}$
Grooving	NPD
Water vapour permeability	Class I, $S_D < 5 \text{ m}$
Capillary absorption and water permeability	$w < 0,1 \text{ kg}\cdot\text{m}^{-2} \cdot \text{h}^{-0,5}$
Thermal compatibility	NPD
Crack bridging ability	NPD
Pull-off adhesion	≥ 2.0 N/mm <sup>2</sup>
Slip resistance	NPD
Artificial ageing	NPD
Antistatic properties	NPD
Adhesion to wet concrete	NPD
Release of dangerous substances	NPD

**b.**

Essential characteristics	Performance
Reaction to fire	Class A1
Compressive strength Chloride ion content Adhesive bond Limited shrinkage/expansion Carbonation resistance Thermal compatibility (freeze-thaw with immersion in de-icing salt solution) Capillary absorption Elastic modulus	Class R4 ≤ 0,05 % ≥ 2,0 MPa NPD Pass ≥ 2,0 MPa ≤ 0,5 kg · m <sup>-2</sup> · h <sup>-0,5</sup> ≥ 20 GPa
Release of dangerous substances	NPD

**c.**

Essential characteristics	Performance
Reaction to fire	Class A1
Pull-out strength displacement Chloride ion content Glass transition temperature Durability/creep under tensile load	≤ 0,6 mm at load of 75 KN ≤ 0,05 % NPD NPD
Release of dangerous substances	See SDS

**d.**

Essential characteristics	Performance
Pull-off adhesion of reinforced steel to concrete – shear adhesion	Pass
Corrosion protection – diffusion resistance	Pass
Corrosion protection – corrosion protection and workability	Pass
Corrosion protection – durability	Pass
Glass transition temperature	Pass
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: **Fabio Sghedoni (upoważniony do reprezentowania)**

At Rzgów, on 24/03/2026