



kerakoll

DECLARATION OF PERFORMANCE No 0568

1. Unique identification code of the product-type: **GEOLITE SILT**
2. Intended use/es: **Coating for surface protection of concrete structures according to principles: 2 (MC) and 8 (IR)**
3. Manufacturer: **Kerakoll S.p.A Via dell'Artigianato, 9 - 41049 Sassuolo (MO) Italia**
4. System/s of AVCP: **System 2+ and System 4 for reaction to fire**
5. Harmonised standard: **EN 1504-2:2005**
Notified body/ies: **S.G.S. Italia No.1381**
6. Declared performance/s:

Essential characteristics	Performance
Reaction to fire	Class A1
Permeability to water vapour	Class I, $S_D < 5m$
Capillary absorption and permeability to water	$w \leq 0,1 \text{ kg} \cdot \text{m}^{-2} \cdot \text{h}^{-0,5}$
Adhesion strength by pull-off tests	$\geq 1,0 \text{ N/mm}^2$
Thermal compatibility (freeze-thaw)	$\geq 1,0 \text{ Mpa}$
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: **Romano Sghedoni (legal representative)**

At Sassuolo, on 16/12/2022

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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 0568

7. Unique identification code of the product-type: **GEOLITE SILT**
8. Intended use/es: **Product for concrete repair used in buildings and civil engineering works. CC - hydraulic mortar. PCC - polymer hydraulic mortar.**
9. Manufacturer: **Kerakoll S.p.A Via dell'Artigianato, 9 - 41049 Sassuolo (MO) Italia**
10. System/s of AVCP: **System 2+ and System 4 for reaction to fire**
11. Harmonised standard: **EN 1504-3:2005**
Notified body/ies: **S.G.S. Italia No.1381**
12. Declared performance/s:

Essential characteristics	Performance
Reaction to fire	Class A1
Compressive strength	Class R2
Chloride ion content	≤ 0,05 %
Adhesive bond	≥ 0,8 MPa
Thermal compatibility (freeze-thaw)	≥ 0,8 MPa
Capillary absorption	≤ 0,5 kg*m⁻²*h^{-0,5}
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.

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