

DECLARATION OF PERFORMANCE No. 690-CPR-2023

1. Unique identification code of the product-type:

NEXLER AQUAMINERAL 2K Ultra 01

2. Intended use/es:

All external installations and swimming pools beneath ceramic tiling. Ingress protection, moisture control, increasing resistivity.

3. Manufacturer:

NEXLER sp. z o.o. ul. Łużycka 6, 81-537 Gdynia, Poland tel., fax +48 58 781 45 85 www.nexler.com

4. System/s of AVCP:

System 3

System 4

5. Harmonised standard:

EN 14891:2012; EN 14891:2012/AC:2012

EN 1504-2:2004

Notified body/ies:

Instytut Ceramiki i Materiałów Budowlanych, nr 1487

6. Declared performance/s:

Initial tensile adhesion strength ≥ 0,5 N/mm²	Essential characteristics	Performance
Crack bridging ability • under standard conditions • at low temperature (-5°C) • at very low temperature (-20°C) Durability of initial tensile adhesion against climate/heat ageing action • tensile adhesion strength after heat ageing Durability of initial tensile adhesion against water/humidity action • tensile adhesion strength after water contact Durability of initial tensile adhesion against water/humidity action • tensile adhesion strength after water contact Durability of initial tensile adhesion against contact with lime water • tensile adhesion strength after contact with lime water • tensile adhesion strength after contact with lime water • tensile adhesion strength after freeze and freeze-thaw cycles • tensile adhesion strength after freeze-thaw cycle Pelease of dangerous substances NPD Linear shrinkage NPD Coefficient of thermal expansion NPD Cross cut NPD Permeability to CO₂ NPD Water vapour permeability Capillary absorption and permeability to water NPD Resistance to thermal shock NPD Chemical resistance	Initial tensile adhesion strength	≥ 0,5 N/mm ²
 under standard conditions at low temperature (-5°C) at very low temperature (-20°C) ≥ 0,75 mm Durability of initial tensile adhesion against climate/heat ageing action tensile adhesion strength after heat ageing ≥ 0,5 N/mm² Durability of initial tensile adhesion against water/humidity action tensile adhesion strength after water contact ≥ 0,5 N/mm² Durability of initial tensile adhesion against contact with lime water tensile adhesion strength after contact with lime water tensile adhesion strength after contact with lime water tensile adhesion strength after freeze and freeze-thaw cycles tensile adhesion strength after freeze thaw cycle ≥ 0,5 N/mm² Release of dangerous substances NPD Coefficient of thermal expansion NPD Cross cut NPD Permeability to CO2 > 50 m Water vapour permeability Capillary absorption and permeability to water Capillary absorption and permeability to water A kg/m² × h^{0.5} Thermal compatibility NPD Resistance to thermal shock NPD Chemical resistance	Water tightness	no penetration
 at low temperature (-5°C) at very low temperature (-20°C) ≥ 0,75 mm ≥ 0,75 mm ≥ 0,75 mm ≥ 0,75 mm Durability of initial tensile adhesion against climate/heat ageing action tensile adhesion strength after heat ageing ≥ 0,5 N/mm² Durability of initial tensile adhesion against water/humidity action tensile adhesion strength after water contact ≥ 0,5 N/mm² Durability of initial tensile adhesion against contact with lime water tensile adhesion strength after contact with lime water tensile adhesion strength after contact with lime water tensile adhesion strength after freeze and freeze-thaw cycles tensile adhesion strength after freeze-thaw cycle ≥ 0,5 N/mm² Release of dangerous substances NPD Release of dangerous substances NPD Coefficient of thermal expansion NPD Cross cut NPD Permeability to CO₂ > 50 m Water vapour permeability Capillary absorption and permeability to water < 0,1 kg/m² × h^{0,5} Thermal compatibility NPD Resistance to thermal shock NPD Chemical resistance NPD Chemical resistance NPD 	Crack bridging ability	
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	Linear shrinkage	NPD
Permeability to CO ₂ > 50 m Water vapour permeability Class II Capillary absorption and permeability to water < 0,1 kg/m² × h⁰.5 Thermal compatibility NPD Resistance to thermal shock NPD Chemical resistance NPD	Coefficient of thermal expansion	NPD
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Capillary absorption and permeability to water < 0,1 kg/m² × h ^{0,5} Thermal compatibility NPD Resistance to thermal shock NPD Chemical resistance NPD	Permeability to CO ₂	> 50 m
Thermal compatibility Resistance to thermal shock Chemical resistance NPD NPD NPD		
Resistance to thermal shock NPD Chemical resistance NPD		$< 0.1 \text{ kg/m}^2 \times h^{0.5}$
Chemical resistance NPD	· ·	NPD
	Resistance to thermal shock	NPD
Crack bridging ability NPD	Chemical resistance	NPD
	Crack bridging ability	NPD



Adhesion strength by pull off test	≥ 0,8 (0,5) ^a N/mm ²
Reaction to fire	NPD
Skid resistance	NPD
Artificial weathering	NPD
Antistatic behaviour	NPD
Adhesion on wet concrete	NPD
Dangerous substances	NPD

^aThe value in brackets is the lowest accepted value of any reading.

dyrektor ds. badań dr.inz. Dawid Dębski

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: Dawid Debski at Gdynia on 07.02.2024. (2nd edition)

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