

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:

Essential characteristics	Performance
Initial tensile adhesion strength	≥ 0,5 N/mm ²
Water tightness	no penetration
Crack bridging ability <ul style="list-style-type: none"> • under standard conditions • at low temperature (-5°C) • at very low temperature (-20°C) 	≥ 0,75 mm ≥ 0,75 mm ≥ 0,75 mm
Durability of initial tensile adhesion against climate/heat ageing action <ul style="list-style-type: none"> • tensile adhesion strength after heat ageing 	≥ 0,5 N/mm ²
Durability of initial tensile adhesion against water/humidity action <ul style="list-style-type: none"> • tensile adhesion strength after water contact 	≥ 0,5 N/mm ²
Durability of initial tensile adhesion against contact with lime water <ul style="list-style-type: none"> • tensile adhesion strength after contact with lime water 	≥ 0,5 N/mm ²
Durability of initial tensile adhesion against freeze and freeze-thaw cycles <ul style="list-style-type: none"> • tensile adhesion strength after freeze-thaw cycle 	≥ 0,5 N/mm ²
Release of dangerous substances	NPD
Linear shrinkage	NPD
Coefficient of thermal expansion	NPD
Cross cut	NPD
Permeability to CO ₂	> 50 m
Water vapour permeability	Class II
Capillary absorption and permeability to water	< 0,1 kg/m ² × h ^{0,5}
Thermal compatibility	NPD
Resistance to thermal shock	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.

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 Dębski at Gdynia on 07.02.2024. (2nd edition)

dyrektor ds. badań

dr inż. Dawid Dębski