DECLARATION OF PERFORMANCE
No. 198-CPR-2024

1. Unique identification code:

Heat-weldable underlayer bitumen membrane

NEXLER Alu S40 (2024/1)

2. Intended use or uses:

a) waterproofing of roofs, which is the subject to fire reaction test,

b) waterproofing of roofs,

c) products for damp-proof insulation of buildings, underground parts, which are the subject to fire reaction test (Type A),

d) products for damp-proof insulation of buildings, underground parts (Type A),

e) products for regulating water vapor permeation, which are the subject to regulations of reaction to fire,

f) products for regulating water vapor permeation.

3. The manufacturer::

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

4. System of assessment and verification of constancy of performance:

system 2+ – for applications: b, d
system 3 – for applications: a, c, e, f

5. Harmonized standard:

x) EN 13707:2004+A2:2009

y) EN 13969:2004 and EN 13969:2004/A1:2006

z) EN13970:2004 and EN 13970:2004/A1:2006

Notified body or notified bodies:

1434 Polish Centre for Testing and Certification (Polskie Centrum Badań i Certyfikacji)

6. Declared performance:

Essential characteristics	Performance	Harmonized technical specification according to point 5 of DoP
Resistance to external fire exposure	NPD	x
Reaction to fire	Class E	x, y, z
Watertightness	≥ 2 kPa (method A) ≥ 10 kPa (method A)	y, z x
Maximum tensile force: - longitudinal - extension - transversal - extension	 500 ± 200 N/50 mm (4 ± 2) % 300 ± 150 N/50 mm (4 ± 2) %	x, y, z
Resistance to root penetration	NPD	x
Resistance to static loading	NPD	x
	≥ 5 kg (method B)	y
Resistance to impact	NPD	x
	≥ 600 mm (method A)	y, z
Resistance to tearing: - longitudinal - transversal	NPD 150 ± 100 N 150 ± 100 N	x y, z
Resistance of the joint: - peel	NPD	x
- shear: - longitudinal - transversal	NPD 300 ± 150 N/50 mm 500 ± 200 N/50 mm	x y, z
Durability:	NPD	x
- durability after artificial ageing, watertightness - durability against chemical	≥ 2 kPa (method A) acc. annex of A standard	y
- after artificial ageing, vapour diffusion - chemicals resistance	2,2E+12 m^2*Pa*s/kg ± 50% acc. annex of A standard	z
Flexibility	≤ 0°C	x
Flexibility in low temperature	≤ 0°C	y, z
Permeation of water vapor	2,2E+12 m^2*Pa*s/kg ± 25%	z
Dangerous substances	NPD	x, y, z

The performances of the product identified above are consistent with a set of declared performance. This declaration of performance is issued in accordance with Regulation (EU) no 305/2011 the sole responsibility of the producer referred to above.

Signed on behalf of the manufacturer:

Konrad Liberda

Kierownik Grupy Produktowej i Wsparcia Technicznego
Konrad Liberda

in Gdynia, on 15.02.2024