



## 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:

- waterproofing of roofs, which is the subject to fire reaction test,
- waterproofing of roofs,
- products for damp-proof insulation of buildings, underground parts, which are the subject to fire reaction test (Type A),
- products for damp-proof insulation of buildings, underground parts (Type A),
- products for regulating water vapor permeation, which are the subject to regulations of reaction to fire,
- 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:

- EN 13707:2004+A2:2009
- EN 13969:2004 oraz EN 13969:2004/A1:2006
- EN 13970:2004 oraz EN 13970:2004/A1:2006

Notified body or notified bodies:

1434 Polskie Centrum Badań i Certyfikacji S.A. (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	Broof (t <sub>1</sub> )	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	500 ± 200 N/50 mm (4 ± 2) %	x, y, z
- transversal - extension	300 ± 150 N/50 mm (4 ± 2) %	
Resistance to root penetration	NPD	x
Resistance to static loading	NPD ≥ 5 kg (method B)	x y
Resistance to impact	NPD ≥ 600 mm (method A)	x 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:	NPD	x
- longitudinal - transversal	300 ± 150 N/50 mm 500 ± 200 N/50 mm	y, z
Durability	NPD	x
- durability after artificial ageing, watertightness	≥ 2 kPa (method A)	y
- durability against chemical	acc. annex of A standard	
-after artificial ageing,vapour diffusion	2,2E+12 m <sup>2</sup> *Pa*s/kg ± 50%	z
- chemicals resistance	acc. annex of A standard	
Flexibility	≤ 0 °C	x
Flexibility in low temperature	≤ 0 °C	y, z
Permeation of water vapor	2,2E+12 m <sup>2</sup> *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

Nexler  
Kierownik Grupy Produktowej  
i Wspierania Technicznego  
Konrad Liberda

Gdynia, 15.02.2024

