

NATIONAL DECLARATION OF PERFORMANCE

No. 109-KDWU-2022

1. *Name and trade name of the construction product:*
 Name: Waterproofing in sheets, weldable, roofing felt, polymer asphalt NEXLER Most+
 Trade name: Papa zgrzewalna NEXLER Most+

2. *Identification of the type of the construction product:*

papa zgrzewalna NEXLER Most+

3. *Intended use or uses:*

Weldable roofing felt NEXLER Most+ is intended for use in construction of transport infrastructure for making waterproofing insulation on concrete, reinforced concrete and prestressed road bridges of engineering structures.

4. *Name and address of the manufacturer:*

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

Production site:
 Poland

5. *Name and address of authorised representative, where applicable:*
 not applicable

6. *National system applied for assessment and verification of constancy of performance:*
 2+

7. *National technical specification:*

7a. *Polish product standard:* not applicable

Name of accredited certification body, number of accreditation and number of national certificate or name of accredited laboratory/laboratories and number of accreditation: not applicable

7b. *National Technical Assessment:* Krajowa Ocena Techniczna Nr IBDiM-KOT-2019/0277 wydanie 3
Technical Assessment Body/National Technical Assessment Body: Instytut Badawczy Dróg i Mostów,
 ul. Instytutowa 1, 03-302 Warszawa

Name of accredited certification body, number of accreditation and number of certificate: Polskie Centrum Badań i Certyfikacji S.A., AC 013, Krajowy Certyfikat Zgodności Zakładowej Kontroli Produkcji Nr 013-UWB-127

8. *Declared performance:*

Essential characteristics of construction product for the intended use or uses	Declared performance	Remarks
Sheet thickness	≥ 5,0 mm	
Thickness of the insulating layer under the warp	≥ 3,0 mm	
Flexibility, tested on a Ø 30 mm roller	≤ -20°C	
Water permeability	≥ 0,8 MPa	
Water absorption	≤ 0,5%	
Tensile strength ¹⁾ : - along the sheet - across the sheet	≥ 1100 N ≥ 800 N	
Elongation at break ¹⁾ : - along the sheet - across the sheet	≥ 40% ≥ 45%	
Tear strength ²⁾ - along the sheet - across the sheet	≥ 200 N ≥ 200 N	
Breaking strength at the joints of the roofing felt sheets	≥ 500 N	
Adhesion to the substrate tested using the "pull off" method ²⁾	≥ 0,5 MPa	
Shear strength ³⁾	≥ 0,2 MPa	
Resistance to high temperature, 100°C, 2 h	≥ 100°C	
Polymer modified bitumen mass smelted from NEXLER Most+ weldable roofing felt		
Softening point according to the RAB method, elastomeric bitumen (SBS)	≥ 90°C	
Fraass breaking point	≤ -20°C	

- ¹⁾The determination at the temperature $23 \pm 2^{\circ}\text{C}$.
²⁾The determination at the temperature $20 \pm 2^{\circ}\text{C}$.
³⁾Weldable roofing felt NEXLER Most+ laid on a primed concrete base (asphalt or resin agent) with a layer of mastic asphalt; shear at an angle of 15° .

9. *The performance of the product identified above is in conformity with all declared performance in clause 8. This national declaration of performance is issued in accordance with the act on construction products dated 16 April 2004 under the sole responsibility of the manufacturer.*

Signed for and on behalf of the manufacturer by:

Dawid Dębski, R&D Manager
(name and function)

Gdynia, 21.02.2024, issue 4
(place and date of issue)


Dyrektor ds. Badań i Rozwoju

dr inż. Dawid Dębski

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(signature)