NATIONAL DECLARATION OF PERFORMANCE
No. 669-KDWU-2023

1. *Name and trade name of the construction product:*
   Name: Polyurethane adhesive NEXLER STYROPUK Elewacja
   Trade name: NEXLER STYROPUK Elewacja
2. *Identification of the type of the construction product:*

   klej NEXLER STYROPUK Elewacja

3. *Intended use or uses:*
   NEXLER STYROPUK Elewacja polyurethane adhesive is intended for attaching thermal insulation boards made of white expanded polystyrene (EPS) and extruded polystyrene (XPS) boards to: mineral substrates (concrete, ceramic, silicate and aerated concrete), when insulating buildings using the jointless method (ETICS), whereby extruded polystyrene (XPS) boards should be simultaneously mechanically fastened, mineral substrates (concrete, ceramic, silicate and aerated concrete), wooden substrates, OSB boards, galvanized steel sheet, galvanized steel sheet with an organic coating or bitumen felt, in outdoor applications, except flat roofs. It can also be used to attach white expanded polystyrene (EPS) boards to white EPS boards and extruded polystyrene (XPS) boards to XPS boards.

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:
   Czech

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 ITB-KOT-2020/1264 wydanie 2
   Technical Assessment Body/National Technical Assessment Body: Instytut Techniki Budowlanej, ul. Filtrowa 1, 00-611 Warszawa
   Name of accredited certification body, number of accreditation and number of certificate: Instytut Techniki Budowlanej Zakład Certyfikacji, AC 020, Krajowy Certyfikat Zgodności Zakładowej Kontroli Produkcji Nr 020-UWB-1239/Z

8. *Declared performance:*

Essential characteristics of construction product for the intended use or uses	*Declared performance*	*Remarks*
Foam height increase (expansion degree), mm	± 3,0	
Dimensional stability, %, after 48 h, at a temp. of +60°C and 30% RH, in the direction: a) length b) width c) thickness	 ± 0,5 ± 1,0 ± 1,5	
Shear resistance, kPa	≥ 60	
Shear modulus of transverse elasticity, kPa	≥ 130	
Tensile strength perpendicular to the surface, MPa, connection: EPS - adhesive joint (8 mm) - concrete, made of: a) in laboratory conditions b) in laboratory conditions, after an open time of 5 min c) at a temp. of -5°C d) at a temp. of +30°C and 30% RH e) when modifying the joint thickness (15 mm)	 ≥ 0,08 ≥ 0,08 ≥ 0,08 ≥ 0,08 ≥ 0,08	

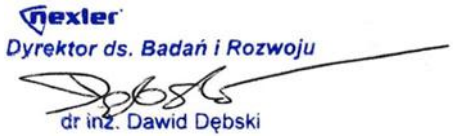
Essential characteristics of construction product for the intended use or uses	*Declared performance*	*Remarks*
Tensile strength perpendicular to the surface, MPa, connection: XPS - adhesive joint (8 mm) - concrete, made of: a) in laboratory conditions b) in laboratory conditions, after an open time of 5 min c) at a temp. of -5°C d) at a temp. of +30°C and 30% RH e) when modifying the joint thickness (15 mm)	 ≥ 0,08 ≥ 0,08 ≥ 0,08 ≥ 0,08 ≥ 0,08	
Tensile strength perpendicular to the surface, MPa, connection: EPS - adhesive joint (8 mm) – roofing felt, made of: a) at a temp. of -5°C b) at a temp. of +30°C c) at a temp. of +30°C on a roofing felt base heated to a temp. of +60°C	 ≥ 0,08 ≥ 0,08 ≥ 0,08	
Tensile strength perpendicular to the surface, MPa, connection: XPS - adhesive joint (8 mm) – roofing felt, made of: a) at a temp. of -5°C b) at a temp. of +30°C c) at a temp. of +30°C on a roofing felt base heated to a temp. of +60°C	 ≥ 0,08 ≥ 0,08 ≥ 0,08	
Tensile strength perpendicular to the surface, MPa, connection: EPS - adhesive joint (8 mm) – galvanized steel sheet, made of: a) in laboratory conditions b) at a temp. of +30°C on a steel sheet base heated to a temp. of +60°C	 ≥ 0,08 ≥ 0,08	
Tensile strength perpendicular to the surface, MPa, connection: XPS - adhesive joint (8 mm) – galvanized steel sheet, made of: a) in laboratory conditions b) at a temp. of +30°C on a steel sheet base heated to a temp. of +60°C	 ≥ 0,08 ≥ 0,08	
Tensile strength perpendicular to the surface, MPa, connection: EPS - adhesive joint (8 mm) – galvanized steel sheet with an organic coating, made of in laboratory conditions	≥ 0,08	
Tensile strength perpendicular to the surface, MPa, connection: XPS - adhesive joint (8 mm) – galvanized steel sheet with an organic coating, made of in laboratory conditions	≥ 0,08	
Tensile strength perpendicular to the surface, MPa, connection: EPS - adhesive joint (8 mm) – OSB board, made of in laboratory conditions	≥ 0,08	
Tensile strength perpendicular to the surface, MPa, connection: EPS - adhesive joint (8 mm) – wood, made of in laboratory conditions	≥ 0,08	
Tensile strength perpendicular to the surface, MPa, connection: EPS - adhesive joint (8 mm) – EPS, made of in laboratory conditions	≥ 0,08	
Tensile strength perpendicular to the surface, MPa, connection: XPS - adhesive joint (8 mm) – XPS, made of in laboratory conditions	≥ 0,08	

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, 17.07.2025, issue 2
(place and date of issue)



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(signature)

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