



NEXLER Parking+

Weldable asphalt bituminous felt

TECHNICAL DATA

Type of matrix	polyester nonwoven fabric
Type of topping	coarse-grained
Type of asphalt, flexibility of bituminous felt	modified with SBS, -20°C
Visible defects	no visible defects
Length	≥ 10 m
Width	0,99 m
Quantity per pallet	12 rolls (120 m ²)
Thickness	5,5 ± 0,5 mm
Resistance to external fire exposure	NPD
Class of reaction to fire	class E
Watertightness	≥ 10 kPa
Watertightness - fulfilment of requirements - water absorption	≤ 0,3%
Tensile strength: - longitudinal direction elongation - transverse direction elongation	1250 ± 150 N/50 mm (55 ± 15) % 950 ± 150 N/50 mm (60 ± 15) %
Adhesion	≥ 0,5 N/mm ²
Crack bridging ability - Ability to protect cracks in the substrate - Fulfilment of requirements at the temperature of	Type 3 ≤ -10°C
Compatibility	≥ 100%
Shear resistance	≥ 0,20 N/mm ²
Resistance to impact of heat - change in thickness	≤ 0,8 mm
Resistance to perforation (compaction)	fulfilment of requirements (method 2)
Durability: - water absorption - resistance to thermal aging as flexibility at a low temperature - resistance to run-off at an increased temperature - compatibility	≤ 0,3% (≤ - 10)°C ≥ 100°C ≥ 100%
Performance while cold-bending	≤ -20°C
Flexibility	≤ -20°C
Inertial load resistance	≥ 20 kg (method B)
Impact resistance	≥ 1750 mm (metoda A)
Durability as resistance to run-off at increased temperatures	(100 ± 10)°C
Compliance with the standard	EN 14695:2010 (PN-EN 14695:2012); EN 13707:2004+A2:2009 (PN-EN 13707+A2:2012)

PROPERTIES

- Strong and flexible matrix.
- Flexible SBS modified asphalt mass
- High resistance to inertial and dynamic load



APPLICATION

- Single-layer waterproofing on concrete surfaces intended for vehicle traffic such as parking areas and garages

PACKAGING

- Rolls with a length of 10 m (10 m²)
- Quantity per pallet: 12 rolls (120 m²)

METHOD OF USE

CONDITIONS OF USE

Creating an insulation using **NEXLER Parking+** bituminous felt should be carried out according to the technical design, in accordance with the current building regulations and the detailed guidelines for the design and execution of insulation contained in the Technical Data Sheet.

SUBSTRATE PREPARATION

NEXLER Parking+ bituminous felt should be fixed with a welding method to a primed concrete substrate with an asphalt priming agent NEXLER Penetrator G7 or dispersion primer NEXLER BITFLEX Primer or resin priming agent, e.g. NEXLER EPOLIS EP 601. A substrate primed with a resin primer should not be re-primed with an asphalt primer, a substrate primed with an asphalt primer should not be re-primed with a resin primer. The priming agent consumption is between 0.2 kg/m² and 0.3 kg/m². The criteria for assessing the quality of a cement concrete substrate on which the application of insulation is permitted are as follows:

- durable substrates (substrate resistance evaluated with the pull-off test method equals at least 1.0 MPa),
- dry substrate (concrete in an air-dry condition, without any visible traces of moisture or darkening caused by moisture),
- clean substrate (the surface of the concrete is free of loose fractions, dust, oil stains, grease and other impurities),
- smooth substrate (local unevenness and cavities in the surface of concrete do not exceed ± 5 mm),
- even substrate (the gaps between the surface of the substrate and a 4 m long patch placed on the cement concrete do not exceed 10 mm).

APPLICATION

The bituminous felt should be installed in ambient temperatures of above 5°C. The temperature requirement applies to the time of day and night. At lower ambient temperatures, **NEXLER Parking+** bituminous felt should be stored for at least 24 hours in temperature not lower than +18°C before use. Do not carry out insulation work during strong winds and precipitation.

The installation of the bituminous felt should be carried out by welding. Application should be carried out after the priming agent has completely dried (or cured). As a result of heating both the substrate and the underside of the bituminous felt with a burner, the protective thin plastic film melts, the asphalt is slightly melted and the bituminous felt sticks evenly to the substrate. Insulation of engineering structures in particular requires 100% bonding of the underside of the bituminous felt to the primed substrate. Maintain a bituminous felt overlap min. 8 cm wide along the length of the felt strip and an overlap min. 15 cm wide at the joint perpendicular to the length of the felt strip. Overlaps of the bituminous felt at joints perpendicular to the length of the bituminous felt on adjacent sheets should be offset from each other by at least 50 cm.

CONTROL OF PERFORMANCE

During acceptance, the following should be checked:

- correctness of welding of overlaps – continuous melting of the asphalt mass on the overlaps is required
- adhesion to the substrate

WARANTY

The manufacturer IZOHAN sp. z o.o. grants the direct purchaser of **NEXLER Parking+** bituminous felt a guarantee of 12 years.

The condition for exercising the rights arising from the guarantee granted is, among other things, the use of the bituminous felt in accordance with the applicable building regulations, the Technical Data Sheet and in accordance with the intended use as defined by the design and EN 14695 and EN 13707 standards.

TOOLS AND TOOL CLEANING

Roofing gas burner, bituminous felt uncoiler.

TRANSPORTATION AND STORAGE

The rolls of **NEXLER Parking+** bituminous felt are protected with packing tapes before unrolling. Each roll has a label with the required data on it. The rolls are placed vertically on wooden industrial pallets and covered with foil.

During both transport and storage, the bituminous felt rolls must be protected from dampness, protected from sunlight and placed upright in a single layer in such a way as to prevent movement and damage. Rolls of felt should be stored on even ground, at a distance of min. 120 cm from radiators.

Transport safety regulations must be observed during transport.

NOTES

Works should be carried out in accordance with technical conditions, manufacturer's instructions, health and safety standards and regulations.

For information on how to deal with symptoms of disease, allergies or irritation of the skin or eyes, please refer to the Product Data Sheet (www.nexler.com).

The remaining content of the product and container should be handed over to authorised companies.

GENERAL RECOMMENDATIONS

In the case of garage slabs without a bituminous top layer, separation and slip layers of sufficient thickness should be designed. Recommended minimum slope gradient of 1%.

WAŻNE INFORMACJE

Please refer to the detailed conditions of use of the product before use. We guarantee the quality of our materials as part of our terms of sale and delivery.

For buildings with special requirements that are not covered by this manual, we provide our Customers with our own professional advisory service.

The manufacturer has no influence on the improper use of the material, its use for other purposes or under conditions other than those described above. The guarantee only covers the quality of the delivered product. The correct and therefore effective use of the product is not subject to our control.

Neither the manufacturer nor his authorised representative may be held liable for any loss incurred as a result of improper use or storage of the product.

Employees of the company are authorised to provide technical information only in accordance with this technical data sheet. Information other than that contained in this sheet should be confirmed in writing.

If you have any doubts, consult the manufacturer.

Once we have issued a new technical data sheet, this manual is no longer valid.