



Technical Data Sheet

NEXLER PREMIUM PYE PV 50H

Heat weldable top layer bituminous felt

Technical data:

Reinforcement: non-woven polyester reinforced with glass fibers

Top finishing: coarse grained

Asphalt kind and cold flexibility: SBS-modified, -20°C

Visible defects: lack of visible defects

Length ≥ 8,0 m

Width ≥ 0,99 m

Straightforwardness ≤ 10 mm per 5 m of roll length

Quantity on pallet: 20 rolls (160 m²)

Basic weight s: 5 kg/m² ± 5%

Resistance to external fire exposure: NPD

Reaction to fire: class E

Watertightness: waterproof at a pressure of: 10 kPa (met. A)d

Tensile properties during stretching:

longitudinal: 800 ± 200 N/50mm

elongation: (50 ± 25) %

transversal: 600 ± 20 N/50mm

elongation: (50 ± 25) %

Flexibility at low temperature: ≤ -20°C

Durability - flow resistance in high temperature: (100 ± 10) °C

Compliance with the standard:

EN 13707:2004+A2:2009

Application:

NEXLER PREMIUM PYE PV 50H membrane is intended for waterproofing in multilayer roof covering. The membrane can be used for performing new roof coverings and for refurbishment of old roofing. NEXLER PREMIUM PYE PV 50H membrane can be used in single-layer roof covering, on which mechanical fastening is not applied, including renovation of old roof coverings. Permissible roof slope inclination from 1%.

Conditions of application:

Insulation with NEXLER PREMIUM PYE PV 50H membrane should be made in accordance with the basic design, in compliance with the applicable construction regulations and as per the detailed insulation design and delivery guidelines for NEXLER Insulation Systems and the technical specifications of the product.

Method of application:

NEXLER PREMIUM PYE PV 50H membrane should be fixed by welding to the previously fastened underlayer bituminous felt or to old primed bituminous felt covering. The substrate must be mechanically resistant, and free from any loose dirt, greasy stains or water.

Prior to fixing the top layer membrane covering, check whether the next unrolled roll does not differ in the shade of granules on the upper side (which are a natural resource and their shade may change).

Prior to torching-on NEXLER PREMIUM PYE PV 50H membrane it is recommended to prime the concrete substrate or old membrane surface with solvent-based bitumen primers NEXLER Penetrator G7 or water-based bitumen products for example NEXLER BITFLEX Primer.

When both sides of the membrane are heated with a torch-on, a protective thin plastic film melts, asphalt begins to melt and the membrane adheres to the substrate.

Membrane overlaps must be min. 8 cm wide along the membrane strand and min. 12 cm wide at the junction perpendicular to the length of membrane strand.

An asphalt mass flow of 0,5-1 cm width at the entire length of the welded overlap is required.

The bituminous felt may be installed at ambient temperatures above 0°C, this requirement applies to the time of day and night. At lower temperature of the environment NEXLER PREMIUM PYE PV 50H membrane should be stored before use for 24 hours at temperatures no lower than +18°C.

Substrate preparation and membrane installation should be carried out in accordance with the principles described in Nexler Insulation Systems.

Warranty:

The manufacturer NEXLER Sp. z o.o. provides the direct buyer of NEXLER PREMIUM PYE PV 50H membrane with:

— a special 14-year material warranty in case of two-layer covering and if the NEXLER Sp z o.o. primer is primers are used on concrete substrate

or

— a standard 10-year material warranty in case of two-layer covering or 9-year on the old membrane covering.

Exercising the rights under this warranty is subject to using the membrane in compliance with the applicable construction regulations and the technical specification of the product, and as per the intended use of the product and the possible solutions specified in the NEXLER Insulation Systems documentation.

Transportation and storage:

The rolls of NEXLER PREMIUM PYE PV 50H membrane are protected against the unroll by adhesive tapes. Each roll carries factory-applied labels containing the required information. The rolls are placed vertically on industrial wooden pallets and protected with a plastic wrap.

During transportation and storage, the rolls must be protected from moisture and exposure to sunlight, and be placed upright in one layer in a way preventing any dislocation or damage.

The membrane rolls must be stored on a flat surface at a distance of at least 120 cm from radiators.

Transportation must be carried out in compliance with applicable shipment safety regulations.

Name and number of the notified certification body:

The Polish Centre for Testing and Certification (Polskie Centrum Badań i Certyfikacji S.A.) notified body no. 1434

Note:

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