

IZOBUD W-PET/SBS

Rubber-bitumen membrane for waterproofing roof insulation

Specialized rubber-bitumen membrane for mechanical installation on pitched roofs with fully boarded substrates.

Made of SBS-modified bitumen with an extremely durable, thermally stabilized polyester-polyamide-glass reinforcement and a UV-resistant mineral surface finish. Highly resistant to extreme weather conditions.

TECHNICAL DATA



Reinforcement: polyester-polyamide-glass composite

Bitumen: SBS-modified

Surface top: fine mineral finish

Surface bottom: PE hot-melt film with roofing outline

Technical specification of the product:

EN 13707:2004+A2:2009

Amount per pallet: 20 rolls / 300 m²



INTENDED USE

- As a top-layer in multi-ply roofing systems on pitched roofs with a minimum slope of 6°
- As a base and preliminary protective layer under the main covering of pitched roofs with a minimum slope of 6°

TECHNICAL CHARACTERISTICS

CHARACTERISTIC	VALUE
visible defects	no visible defects
length	min. 15,0 m
width	min. 0,99 m
thickness	2,2 mm (± 0,2)
watertightness (B method)	30 kPa
flow resistance at elevated temperature	≥ 90 °C
reaction to fire	class E
reaction to external fire*	NPD
reaction to internal fire*	NPD
flexibility at low temperature	≤ -17 °C
durability (flexibility at low temperature)	-15 (± 3) °C
maximum tensile strength longitudinal	480 ⁺¹⁵⁰ / ₋₁₅₀ N/50 mm
maximum tensile strength transverse	380 ⁺¹⁵⁰ / ₋₁₅₀ N/50 mm
elongation at maximum tensile strength longitudinal	33 ⁺¹⁵ / ₋₁₅ %

CHARACTERISTIC	VALUE
elongation at maximum tensile strength transverse	40 ⁺¹⁵ / ₋₁₅ %
dimensional stability	change of dimensions not more than 0,1%
straightness	deviation not more than 30 mm/15 m length
resistance to impact	NPD
shear resistance of joint longitudinal overlap	NPD
shear resistance of joint transverse overlap	NPD
resistance to static loading	NPD
coating adhesion	loss of coating 15 ⁺¹⁵ / ₋₁₅ %
peel resistance of joint length	NPD
peel resistance of joint transverse	NPD
resistance to tearing (nail) longitudinal	250 ⁺¹⁵⁰ / ₋₁₅₀ N
resistance to tearing (nail) transverse	250 ⁺¹⁵⁰ / ₋₁₅₀ N
harmful substances	does not contain

*valid for tested roofing systems



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Technical data sheet no.:
001/PET/v.100425

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DOCUMENTS

- Technical Recommendation of the Building Research Institute (ITB): RT-ITB-1294/2020
- Certificates of factory production control: 1023-CPR-0178F
- Notified Certification Body: 1023
- Declaration of performance: 001/PET/2025

SURFACES

- Wooden (type: full boarding, OSB, etc.).
- Existing roof covering

APPLICATION

- Mechanically (using roofing nails of the appropriate grade)
- Bonding (for detailing and special areas)

GUARANTEE

- 8 years (on open exposure)
- 25 years (when used under main covering)

TRANSPORT AND STORAGE

- Transport and store in upright position in one layer, preventing the rolls to be able to move on the pallet
- Store in conditions that protect against moisture and excessive sunlight and keep away at least 120 cm from heaters and other heat resources.
- Transport according to regulations of safety transportation.

HEALTH AND SAFETY

- The product does not contain any asbestos, coal tar components or any other substances that could affect human health if stored, transported and used in the correct way.
- Anti-slip top layer ensures safety during installation and work on the roof

INTEGRATED MANAGEMENT SYSTEM



Implementation of waterproofing using the product must be preceded by the selection (design) of layers by an authorized person-designer.

INSTALLATION RECOMMENDATIONS

- Unroll and place product at environmental temperature 5÷40 °C.
- The substrate must be clean, even and free from contaminates, with adequate moisture content.
- Before installation, the product should be stored at a temperature of at least +10 °C for at least 24 hours. Before installation the product should be rolled out to stretch.
- The product should be installed with longitudinal overlaps of at least 8 cm, or at least 12 cm in the case of single-layer systems, transverse overlaps should be at least 15 cm wide.
- Recommended installation parallel to the ridge, fastening from the eaves upward. In special areas, such as roof detailing, the use of adhesives is permitted.
- All roofing works should be carried out in accordance with the technical documentation (prepared by an authorized - designer), the currently applicable building regulations and standards, by persons qualified in waterproofing works, and if necessary under the supervision an authorized person.
- Detailed installation guidelines for the product are provided in ITB Technical Recommendation No. RT-ITB-1294/2020: "IZOBUD STEEP ROOF products for roofing and underlay systems beneath non-continuous roofing systems."



The information provided in this data sheet, in particular recommendations concerning installation, are based on our experience and best knowledge. In addition to the information provided in this data sheet, the rules of the trade, relevant national and European standards, technical approvals, health and safety regulations etc. must be followed. This data sheet replaces all previous versions applicable to this product.



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