

TECHNICAL DATA SHEET



Self-adhesive SBS-modified bitumen underlayer

Self-adhesive underlay membrane with very high adhesion to the substrate and flexibility at low temperatures.

Activated by removing the bottom film, it enables quick and economical installation using a minimal set of tools.

Intended for waterproofing applications, including construction projects where the use of open flame is not allowed.

Provides long-lasting durability of the investment and safety during installation.

CERTIFIED
ISO 9001
ISO 14001
ISO 45001



IZOBUD®

EKSPERT W PRODUKCJI MEMBRAN BITUMICZNYCH

TECHNICAL DATA

Reinforcement: non-woven polyester/glass combination

Bitumen: SBS-modified

Surface top: PE hot-melt film with roofing outline

Surface bottom: silicone film (removable)

Technical specification of the product:

EN 13707:2004+A2:2009

EN 13969:2004; EN 13969:2004/A1:2006

EN 13970:2004; EN 13970:2004/A1:2006

Amount per pallet: 20 rolls / 300 m²

Water vapour transmission (diffusion resistance):

Sd: ~ 500 m



INTENDED USE

- As an underlay in multi-ply roofing systems
- For damp proofing and waterproofing (type A and T)
- For vertical waterproofing of underground building parts in conditions allowing exposure to hydrostatic water pressure
- As a vapour barrier to regulate water vapour transmission in roofing systems
- For horizontal insulation of floors, concrete screeds, foundations, terraces, balconies, and ground-contacting slabs with smooth and even surfaces
- For bonding thermal insulation boards as well as OSB, MFP boards and sheathing

TECHNICAL CHARACTERISTICS

CHARACTERISTIC	VALUE
visible defects	no visible defects
length	min. 15,0 m
width	min. 1,0 m
thickness	2,0 mm (± 0,2)
watertightness (B method)	60 kPa
watertightness when stretched at low temperature	NPD
reaction to fire	class E
reaction to external fire*	Broof (t3)
reaction to internal fire*	RE 20, RE 30, REI 15, REI 20
flexibility at low temperature	≤ -25 °C
flow resistance at elevated temperature	≥ +100 °C
maximum tensile strength longitudinal	600 ⁺²⁰⁰ / ₋₂₀₀ N/50 mm
maximum tensile strength transverse	450 ⁺²⁰⁰ / ₋₂₀₀ N/50 mm
elongation at maximum tensile strength longitudinal	50 ⁺²⁰ / ₋₂₀ %

CHARACTERISTIC	VALUE
elongation at maximum tensile strength transverse	50 ⁺²⁰ / ₋₂₀ %
dimensional stability	NPD
straightness	deviation not more than 20 mm/10 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	NPD
peel resistance of joint length	NPD
peel resistance of joint transverse	NPD
resistance to tearing (nail) longitudinal	200 ⁺¹⁰⁰ / ₋₁₀₀ N
resistance to tearing (nail) transverse	200 ⁺¹⁰⁰ / ₋₁₀₀ N
harmful substances	does not contain

*valid for tested roofing systems



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IZOBUD[®]

EKSPERT W PRODUKCJI MEMBRAN BITUMICZNYCH

DOCUMENTS

- **Certificates of factory production control:**
1023-CPR-0178F i 1023-CPR-0190F
- **Notified Certification Body:**
1023
- **Declaration of performance:**
118/IZOB/2025

SURFACES

- Concrete with a moisture content not more than 5%
- Wooden surfaces with a moisture content not more than 22%
- Thermal insulation layer

APPLICATION

- Bonding (after removing the foil from the underside of the product)
- Mechanically (using fasteners), in accordance with the recommendations of the PN-EN 1991-1-4:2008 standard regarding the distribution of mechanical fasteners.

GUARANTEE

- 15 years

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.

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

- 1 For multilayer coverings made with the use of self-adhesive roofing membranes, the value of wind suction forces acting on the roof covering must be checked in order to appropriately select the number of mechanical fasteners and/or the type and amount of adhesive, by an authorized person-designer.
- 2 Unroll and place product at environmental temperature 10÷35 °C.
- 3 The substrate must be clean, even and free from contaminates, with adequate moisture content, treated with a suitable bituminous Primer (according to the norm PN-80/B-10240).
- 4 Before installation, the product should be stored at a temperature of at least +18 °C for at least 24 hours. Before installation the product should be rolled out on site where it will be applied and after placing, rolled up on both sides to the centre.
- 5 The product should be installed with longitudinal overlaps of at least 8 cm, and transverse overlaps of at least 15 cm. Bonding is done by removing the protective film from the underside while simultaneously pressing the roofing felt onto the surface it is being applied to. Special care should be taken to firmly press the product along the overlaps of the felt strips.
- 6 The optimal adhesion strength of the product to the substrate is achieved after heat welding the next layer of self-adhesive roofing felt, as well as when the work is carried out at ambient temperatures above 10 °C.
- 7 For horizontal and vertical damp-proofing and waterproofing insulations, the number of membrane layers should be determined according to the existing soil and water conditions around the building and its foundation level. If conditions allow it, the insulation can be installed as a single layer. Upper edges of vertical membrane strips can be additionally fixed mechanically, if the fixing places are protected with an asphalt compound.
- 8 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.



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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