

# TECHNICAL DATA SHEET



Self-adhesive SBS-modified bitumen cap sheet

Self-adhesive cap sheet 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**<sup>®</sup>

EKSPERT W PRODUKCJI MEMBRAN BITUMICZNYCH

## TECHNICAL DATA



**Reinforcement:** non-woven polyester  
reinforced with glass fibre

**Bitumen:** SBS-modified

**Surface top:** mineral slate

**Surface bottom:** silicone film (removable)

**Technical specification of the product:**

EN 13707:2004+A2:2009

**Amount per pallet:** 20 rolls / 150 m<sup>2</sup>



## INTENDED USE

- As an top layer in multi-ply roofing systems



## TECHNICAL CHARACTERISTICS

CHARACTERISTIC	VALUE
visible defects	no visible defects
length	min. 7,5 m
width	min. 1,0 m
thickness	4,0 mm (± 0,2)
watertightness (B method)	10 kPa and 200 kPa
watertightness when stretched at low temperature	NPD
reaction to fire	class E
reaction to external fire*	Broof (t1); Broof (t2); Broof (t3)
reaction to internal fire*	RE 20, RE 30, REI 15, REI 20
flexibility at low temperature	≤ -30 °C
durability (flow resistance at elevated temperature)	100 (±10) °C
maximum tensile strength longitudinal	1000 <sup>+300</sup> / <sub>-300</sub> N/50 mm
maximum tensile strength transverse	700 <sup>+300</sup> / <sub>-300</sub> N/50 mm
elongation at maximum tensile strength longitudinal	60 <sup>+30</sup> / <sub>-30</sub> %

CHARACTERISTIC	VALUE
elongation at maximum tensile strength transverse	60 <sup>+30</sup> / <sub>-30</sub> %
dimensional stability	change of dimensions not more than 0,5%
straightness	deviation not more than 15 mm/7,5 m length
resistance to impact	NPD
shear resistance of joint longitudinal overlap	700 <sup>+300</sup> / <sub>-300</sub> N/50 mm
shear resistance of joint transverse overlap	1000 <sup>+300</sup> / <sub>-300</sub> N/50 mm
resistance to static loading	NPD
coating adhesion	loss of coating 15 <sup>+15</sup> / <sub>-15</sub> %
peel resistance of joint length	200 <sup>+100</sup> / <sub>-100</sub> N/50 mm
peel resistance of joint transverse	200 <sup>+100</sup> / <sub>-100</sub> N/50 mm
resistance to tearing (nail) longitudinal	200 <sup>+100</sup> / <sub>-100</sub> N
resistance to tearing (nail) transverse	200 <sup>+100</sup> / <sub>-100</sub> N
harmful substances	does not contain

\*valid for tested roofing systems



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Technical data sheet no.:  
099/IZOB/v.100425



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## DOCUMENTS

- **Certificates of factory production control:**  
1023-CPR-0178F
- **Notified Certification Body:**  
1023
- **Declaration of performance:**  
099/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 made of: EPS, XPS, mineral wool, PIR

## APPLICATION

- Torch on (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 contaminants, 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 when the work is carried out at ambient temperatures above 10 °C.
- 7 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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