

## IZOBIT RenoLine

SBS-modified bitumen torch-on cap sheet

High-quality membrane for renovating roofs and ventilation of the surface, fast-sealing, thanks to easily thermally activated asphalt strips with self-adhesive properties.

Provides effective drainage of lingering moisture in even heavily exploited layers of roofing layers. Provides an optimal solution for single-layer renovation directly on functioning roof covering. Guarantees the most effective waterproofing for many years.

### TECHNICAL DATA



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

**Bitumen:** SBS-modified

**Surface top:** mineral slate; heat-weldable strip with PE film

**Surface bottom:** ventilation strips made of fast-welding asphalt; strips with mineral sprinkles - all covered with thermofusible film

**Technical specification:**

EN 13707:2004+A2:2009

**Amount per pallet:** 24 rolls / 120 m<sup>2</sup>



### INTENDED USE

- As a top layer in single-ply roofing systems on old roofing layers



### TECHNICAL CHARACTERISTICS

CHARACTERISTIC	VALUE
visible defects	no visible defects
length	min. 5,0 m
width	min. 1,0 m
thickness	5,2 mm
watertightness (B method)	10 kPa and 400 kPa
watertightness when stretched at low temperature	watertight when stretched to 10%
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)	110 (±10) °C
maximum tensile strength longitudinal	1000 <sup>+300</sup> / <sub>-300</sub> N/50 mm
maximum tensile strength transverse	900 <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 10 mm/5 m length
resistance to impact (method A and B)	no perforation at h = 2000 mm
shear resistance of joint longitudinal overlap	800 <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 (method A)	up to 20 kg
coating adhesion	loss of coating 15 <sup>+15</sup> / <sub>-15</sub> %
peel resistance of joint longitudinal	200 <sup>+100</sup> / <sub>-100</sub> N/50mm
peel resistance of joint transverse	200 <sup>+100</sup> / <sub>-100</sub> N/50mm
resistance to tearing (nail shank) longitudinal	300 <sup>+150</sup> / <sub>-150</sub> N
resistance to tearing (nail shank) transverse	350 <sup>+150</sup> / <sub>-150</sub> N
harmful substances	does not contain

\*valid for tested roofing systems



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

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### DOCUMENTATION

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

### INTEGRATED MANAGEMENT SYSTEM



### SURFACES

- Existing roof covering

### APPLICATION

- Torch-on (using a gas-torch)
- 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.

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

### INSTALLATION RECOMMENDATIONS

- 1 Unroll and place product at environmental temperature 0÷35 °C.
- 2 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).
- 3 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.
- 4 When installing the cap sheet membrane, be sure to use proper overlaps in relation to the underlayer.
- 5 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. During overlap welding, press the membrane with a roofing roller to ensure the asphalt outflow is between of 0.5 and 1.0 cm wide.
- 6 To ensure proper ventilation of the roof, RenoLine roofing membrane should be used together with IZOBUD ventilation chimneys - one ventilation chimney per approx. 40 m<sup>2</sup> of roof surface. The ventilation chimneys should be used at a distance of min. 50 cm from the edge of the roof, vertical partitions, chimneys, drainage channels.
- 7 Finishing vertical surfaces (attic, chimney) is recommended to be made with highly modified top-cover membrane (e.g. Izobit Super W-PYE 250 S53 SBS).
- 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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