

## IZOBIT PP-50/700

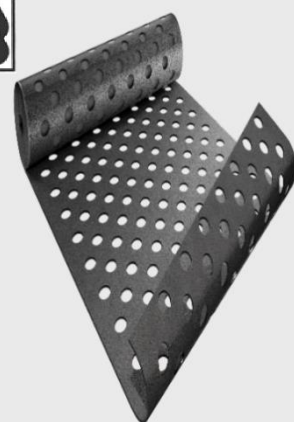
Ventilation bitumen membrane

Specialized membrane designed for use as a ventilation layer in bituminous roofing systems.

Thanks to uniform perforation across its entire surface, it forms a system of openings that create channels for ventilating damp substrates.

It ensures long-term durability and safety of the roof by removing destructive moisture contained in the substrate.

### TECHNICAL DATA



**Reinforcement:** glass veil

**Bitumen:** non-modified

**Surface top:** mineral slate

**Surface bottom:** mineral slate

**Technical specification of the product**

National Technical Assessment

IMBiGS-KOT-2020/0023, Issue 1

**Amount per pallet:** 20 rolls / 400 m<sup>2</sup>



### INTENDED USE

- As a ventilation layer in single-ply or multi-ply roofing systems



### TECHNICAL CHARACTERISTICS

CHARACTERISTIC	VALUE
visible defects	no visible defects
length	20,0 m (± 1 %)
width	1,0 m (± 1 %)
thickness	2,1 mm (± 5 %)
straightness (maximum deviation)	1,0 mm (±5%)
membrane perforation	not less than 12%
perforation diameter	40 mm (±5%)
content of chloroform-soluble components	not less than 700 g/m <sup>2</sup>
reaction to external fire*	NPD
flexibility at 0°C (top surface / bottom surface)	no cracks / no cracks
resistance to temperature of 70°C for 2 hours	no mass flow allowed
concentration of natural radioactive elements f1	not more than 1
Concentration of natural radioactive elements f2, Bq/kg	not more than 185



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## IZOBIT PP-50/700

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### DOCUMENTS

- ▮ **National Technical Assessment:**  
IMBiGS-KOT-2020/0023, Issue 1
- ▮ **Accredited Certification Body:**  
Łukasiewicz-IMBiGS, Łukasiewicz Research Network –  
Institute of Mechanization of Construction and Rock Mining  
Al. W. Korfantego 193, 40-157 Katowice.  
Test report No. 81/20/135/P-1.
- ▮ **Declaration of conformity:**  
68/I/2024

### SURFACES

- ▮ Concrete with a moisture content not more than 5%
- ▮ Existing roof covering on a stable substrate (concrete)

### APPLICATION

- ▮ Loose laying (no bonding or torching)

### GUARANTEE

- ▮ Same as cap sheet used with IZOBIT PP-50/700

### 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 Unroll and place product at environmental temperature  $5 \pm 35$  °C.
- 2 The substrate must be clean, even and free from contaminants, with adequate moisture content, treated with a suitable bituminous Primer.
- 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 The product should be installed edge-to-edge or with overlaps no wider than 3 cm. A torch-on underlayer or cap sheet membrane may then be welded over the ventilated layer, depending on the number of layers in the roofing system. During torching, the torch-on membrane will bond to the substrate through the perforations in the ventilated sheet.
- 5 For ventilation roofing systems, the membrane should be used together with IZOBUD ventilation chimneys – one ventilation chimneys 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.
- 6 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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