TECHNICAL DATA SHEET

EKSPERT W PRODUKCJI MEMBRAN BITUMICZNYCH

IZOBIT GV35

Torch-on asphalt underlay membrane

Torch-on underlay membrane, made of durable non-modified bitumen and a glass fleece reinforcement.
Designed for waterproofing on a stable concrete substrate.
Provides a tight and durable barrier against moisture.

TECHNICAL DATA

Reinforcement: glass fleece
bitumen: non-modified
Surface top: quartz sand
Surface bottom: hot-melt foil
Technical specification of the product:
EN 13707:2004+A2:2009
EN 13969:2004; EN 13969:2004/A1:2006

Amount per pallet: 24 rolls / 240 m²

INTENDED USE

- As a underlayer in multi-ply roofing systems
- For damp proofing (type A)
- For vertical insulation of underground parts of buildings in conditions without the influence of hydrostatic water pressure

TECHNICAL CHARACTERISTICS

CHARACTERISTIC	VALUE
visible defects	no visible defects
length	min. 10,0 m
width	min. 1,0 m
grammage	3.5 (± 15%) kg/m2
watertightness (B method)	10 kPa and 30 kPa
watertightness when stretched at low temperature	NPD
reaction to fire	class E
reaction to external fire*	Broof (t1)
reaction to internal fire*	RE 20, RE 30, REI 15, REI 20
flexibility at low temperature	≤ 0 °C
flow resistance at elevated temperature	≤ +70 °C
maximum tensile force, length	550 $^{+100}_{-100}$ N/50 mm
maximum tensile force, transverse	300 $^{+100}_{-100}$ N/50 mm
elongation at maximum tensile force length	6 $^{+4}_{-4}$ %

CHARACTERISTIC	VALUE
Elongation at maximum tensile force transverse	6 $^{+4}_{-4}$ %
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 shank) length	100 $^{+50}_{-50}$ N
resistance to tearing (nail shank) transverse	100 $^{+50}_{-50}$ N
harmful substances	NPD

*valid for tested roofing systems

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DOCUMENTS

- **Certificates of factory production control: 1023-CPR-0178F i 1023-CPR-0190F**
- **Notified Certification Body: 1023**
- **Declaration of performance: 169/IZOB/2025**

SURFACES

- Concrete with a moisture content not more than 5%
- existing roof covering on stable surface - concrete

APPLICATION

- Torch-on (using a gas-torch)

GUARANTEE

- 5 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.

INSTALLATION RECOMMENDATIONS

1. Unroll and place product at environmental temperature 5 – 35 °C.
2. The surface must be clean, even and free from contaminates, with adequate moisture content Primed with a designated bituminous primer (in accordance with the standard PN-80/B-10240).
3. Before installation, the product should be stored at a temperature of at least +18 °C at least for 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 top layer membranes, remember correct overlapping in relation to the underlayer,.
5. The product should be installed with longitudinal overlaps of at least 8 cm in the case of single-layer coverings, with a minimum width of 12 cm. and with cross-laps of at least 15 cm. When welding overlaps, press the membrane with a roofer's roller so that the asphalt mass outflow is between 0,5 and 1,0 cm wide.
6. All roofing works should be carried out in accordance with the currently applicable building regulations and standards, by persons qualified in the field of waterproofing works and if necessary under the supervision of an authorized person. This information does not replace the detailed instructions for carrying out waterproofing systems on a roof.

The execution of waterproofing using the product must be preceded by the selection (design) of layers by a qualified designer.

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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