

W 400/1200

Bitumen cap sheet

Cap sheet membrane made of durable, non-modified bitumen, glass composite reinforcement, and coarse mineral slate in a neutral grey colour.

Protects the roof structure against rainwater and other destructive weather conditions.

TECHNICAL DATA



Reinforcement: glass composite

Bitumen: non-modified

Surface top: mineral slate

Surface bottom: PE hot-melt film

Technical specification of the product:

EN 13707:2004+A2:2009

Amount per pallet: 20 rolls / 300 m²

INTENDED USE

- As a top-layer in multi-ply roofing systems

TECHNICAL CHARACTERISTICS

CHARACTERISTIC	VALUE
visible defects	no visible defects
length	min. 15 m
width	min. 1,0 m
grammage	3,0 (± 0,6) kg/m ²
watertightness (B method)	10 kPa
watertightness when stretched at low temperature	NPD
reaction to fire	class E
reaction to external fire*	NPD
reaction to internal fire*	NPD
flexibility at low temperature	≤ 0 °C
durability (flow resistance at elevated temperature)	+ 70(±10) °C
maximum tensile strength, longitudinal	400 ⁺²⁰⁰ / ₋₂₀₀ N/50 mm
maximum tensile strength, transverse	300 ⁺²⁰⁰ / ₋₂₀₀ N/50 mm
elongation at maximum tensile strength longitudinal	6 ⁺⁴ / ₋₄ %

CHARACTERISTIC	VALUE
elongation at maximum tensile strength transverse	6 ⁺⁴ / ₋₄ %
dimensional stability	NPD
straightness	deviation not more than 30 mm/15 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	loss of coating 15 (±15)%
peel resistance of joint longitudinal	NPD
peel resistance of joint transverse	NPD
resistance to tearing (nail) longitudinal	NPD
resistance to tearing (nail) transverse	NPD
harmful substances	does not contain

*valid for tested roofing systems



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

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DOCUMENTS

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

SURFACES

- Wooden
- Existing roof covering

APPLICATION

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

GUARANTEE

- 1 year

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÷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, transverse overlaps should be at least 15 cm wide.
- 6 In multi-ply roofing systems, two layers of waterproofing (cap sheet and underlayer) with glass veil as the reinforcement should not be used.
- 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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