



SBS-modified bitumen torch-on cap sheet

High quality top layer membrane with white and highly reflective mineral coating with a 12 fold higher Solar Reflection index (SRI)¹.

PROVIDES:

- Extension of the durability of roofing covering,
- reduction of cooling costs of the buildings
- higher efficiency of photovoltaic panels,
- free from pollutants urban areas.



TECHNICAL DATA

Reinforcement: polyester reinforced with glass fibre

Bitumen: SBS-modified

Surface top: highly reflective white mineral slate

Surface bottom: PE foil with roofing outline

Technical specification of the product:

EN 13707:2004+A2:2009

Amount per pallet: 24 rolls / 120 m²

¹ in comparison to bitumen membranes with dark coating

INTENDED USE

- ▀ As an top-layer in multi-ply roofing systems
- ▀ as w top layer in single-layer roof coverings
- ▀ as a top layer for heavy surface protection, e.g. ballast roofs

TECHNICAL CHARACTERISTICS

CHARACTERISTIC	VALUE
visible defects	No visible defects
length	≥5,0 m
width	≥0,99 m
thickness	5,3 mm (± 0,2)
watertightness (B method)	10 kPa and 300 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; top/bottom	≤-28 °C
durability (flow resistance at elevated temperature)	-26 (±10) °C
maximum tensile strength longitudinal	1100 ⁺³⁰⁰ / ₋₃₀₀ N/50 mm
maximum tensile strength	900 ⁺³⁰⁰ / ₋₃₀₀ N/50 mm
elongation at max. tensile strength longitudinal	60 ⁺²⁰ / ₋₂₀ %
flow resistance at elevated temperature	≥120°C

CHARACTERISTIC	VALUE
elongation at maximum tensile strength transverse	65 ⁺²⁰ / ₋₂₀ %
dimensional stability	≤0,3%
straightness	≤10 mm/5 m length
resistance to impact (method A and B)	≥2000 mm
shear resistance of joint longitudinal overlap	800 ⁺³⁰⁰ / ₋₃₀₀ N/50 mm
shear resistance of joint transverse overlap	1000 ⁺³⁰⁰ / ₋₃₀₀ N/50 mm
resistance to static loading	≥20 kg
coating adhesion	loss of coating 15 ⁺¹⁵ / ₋₁₅ %
peel resistance of joint length	200 ⁺¹⁰⁰ / ₋₁₀₀ N/50 mm
peel resistance of joint transverse	200 ⁺¹⁰⁰ / ₋₁₀₀ N/50 mm
resistance to tearing (nail) longitudinal	350 ⁺¹⁵⁰ / ₋₁₅₀ N
resistance to tearing (nail) transverse	400 ⁺¹⁵⁰ / ₋₁₅₀ N
harmful substances	NPD
*valid for tested roofing systems	



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DOCUMENTS

Certificates of factory production control:
1023-CPR-0178F

Notified Certification Body:
1023

Declaration of performance:
195/IZOB/2026

INTEGRATED MANAGEMENT SYSTEM



SURFACES

- Concrete with a moisture content not more than 5%
- Wooden surfaces with a moisture content not more than 22%
- Thermal insulation layer
- Existing roof covering

APPLICATION

- Torch-on (using a gas-torch)

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

- Unroll and place product at environmental temperature 0÷35 °C.
- 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).
- 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.
- When installing the cap sheet membrane, be sure to use proper overlaps in relation to the underlayer.
- 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.
- 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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