

DACHBIT 5 250 S 4 SBS

SBS-modified bitumen torch-on underlayer

Torch-on underlay membrane made of SBS-modified bitumen and a durable, dimensionally stable polyester reinforcement.

It provides a durable barrier against water and moisture, ensuring the safety of the investment.

TECHNICAL DATA



Reinforcement: non-woven polyester reinforced with glass fibre

bitumen: SBS-modified

Surface top: silica sand

Surface bottom: PE hot-melt film with roofing outline

Technical specification of the product:

EN 13707:2004+A2:2009

EN 13969:2004/A1:2006

EN 13969:2004

EN 13970:2004/A1:2006

Amount per pallet: 24 rolls / 180 m²

Water vapour transmission (diffusion resistance):

Sd: ~ 850 m



INTENDED USE

- As an underlay in multi-ply roofing systems
- For damp proofing and waterproofing (type A and T)
- For vertical waterproofing of underground building parts in conditions allowing exposure to hydrostatic water pressure.
- As a vapour barrier to regulate water vapour transmission in roofing systems
- For the horizontal insulation of floors, concrete screeds, foundations, terraces, balconies and slabs in contact with the ground

TECHNICAL CHARACTERISTICS

CHARACTERISTIC	VALUE
visible defects	no visible defects
length	min. 7,5 m
width	min. 1,0 m
thickness	4,0 mm (± 10%)
watertightness at pressure (B method)	60 kPa and 150 kPa
watertightness when stretched at low temperature	NPD
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	≤ -5 °C
flow resistance at elevated temperature	≥ +80 °C
maximum tensile strength longitudinal	800 ⁺³⁰⁰ / ₋₃₀₀ N/50 mm
maximum tensile strength transverse	600 ⁺³⁰⁰ / ₋₃₀₀ N/50 mm
elongation at maximum tensile strength longitudinal	50 ⁺³⁰ / ₋₃₀ %

CHARACTERISTIC	VALUE
elongation at maximum tensile strength transverse	50 ⁺³⁰ / ₋₃₀ %
dimensional stability	NPD
straightness	deviation not more than 15 mm/7,5 m length
resistance to impact	NPD
shear resistance of joint longitudinal overlap	550 ⁺³⁰⁰ / ₋₃₀₀ N/50 mm
shear resistance of joint transverse overlap	750 ⁺³⁰⁰ / ₋₃₀₀ N/50 mm
resistance to static loading	NPD
coating adhesion	NPD
peel resistance of joint longitudinal	NPD
peel resistance of joint transverse	NPD
resistance to tearing (nail) longitudinal	200 ⁺¹⁰⁰ / ₋₁₀₀ N
resistance to tearing (nail) transverse	200 ⁺¹⁰⁰ / ₋₁₀₀ N
harmful substances	does not contain

*valid for tested roofing systems



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DOCUMENTS

- **Certificates of factory production control:**
1434-CPR-0199 and 1434-CPR-0198
- **Notified Certification Body:**
1434
- **Declaration of performance:**
014/IZOB/2025

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

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.

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, 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 For horizontal and vertical damp-proofing and waterproofing insulations, the number of membrane layers should be determined according to the existing soil and water conditions around the building and its foundation level. If conditions allow it, the insulation can be installed as a single layer. Upper edges of vertical membrane strips can be additionally fixed mechanically, if the fixing places are protected with an asphalt compound.
- 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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