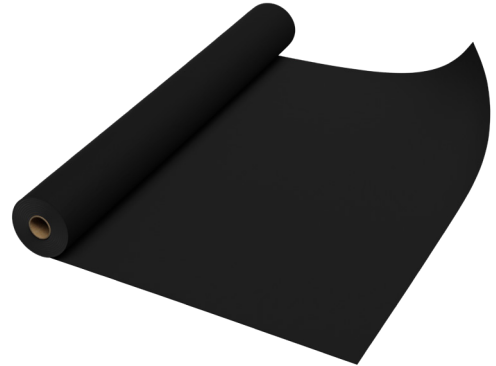


TECHNICAL DATA SHEET

Eurovent **BAU**

The insulating construction foil Eurovent BAU. Made of low-density polyethylene (LDPE) which effectively protects against transfer of vapour from the external environment toward the inside of the building. The material, it is constructed from, is characterized by increased resistance to weather conditions such as snow, rain and dust.



PARAMETER	UNIT	VALUE	
Material		Low density polyethylene (LDPE)	
Thickness	[mm]	to 0,20 mm	above 0,20 mm
Width	[mm]	2000 - 12000 ± 5%	2000 - 12000 ± 5%
Straightness		Meets requirements	Meets requirements
Water tightness at 2 kPa		Meets requirements	Meets requirements
Water vapor penetration (diffusion resistance)	[(m ² ·s·Pa)/kg]	Min. 1,2 x 10 ¹¹	Min. 1,2 x 10 ¹¹
Impact resistance		npd	Meets requirements
Joint strength MD / CD		npd	Min. 60 / min. 65
Tensile strength MD / CD	[Mpa]	Min. 8 / min 6	Min. 12 / min. 10
Elongation at break MD / CD	[%]	Min. 150 / min. 150	Min. 350 / min. 350
Tear resistance MD / CD	[N]	Min. 40 / min. 40	Min. 60 / min. 60
Persistence after exposure to artificial aging		Meets requirements	Meets requirements
Alkali resistance		npd	npd
Reaction to fire		Class F	Class F
Temperature resistance	[°C]	-40 to +80	-40 to +80
Dangerous substances		Shortage	Shortage
UV resistance		Up to 2 months	Up to 2 months
Colour		Black	Black
Roll size	[m x rm]	4 x 25 = 100 m ² ; 5 x 20 = 100 m ² ; 6 x 33 = 198 m ² ; 8 x 33 = 264 m ²	4 x 25 = 100 m ² ; 5 x 20 = 100 m ² ; 6 x 33 = 198 m ² ; 8 x 33 = 264 m ²

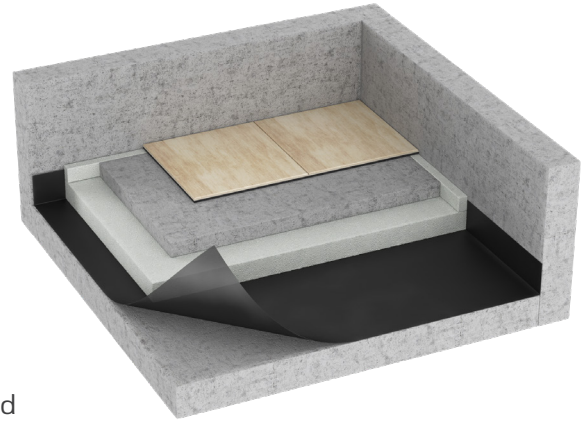
Advantages:

- Hydro-insulation • Tear resistance
- UV resistance • Fast and easy installation

Eurovent BAU

Application:

The insulating construction foil Eurovent BAU is primarily used as hydro-insulation layer below wood flooring, floor tile, concrete flooring as well as other floor finishing materials. The product is also recommended for application as protective layer for thermal and acoustic insulation. Mechanical properties make it suitable for use as protective foil during installation and finishing works in the areas of windows, roof slopes and facades.



Storage / transport:

Foils should be stored in covered, dry warehouses, at a maximum temperature of 40 ° C at a distance of not less than 1 m from active heating devices, protected against direct sunlight. The product should be stored in its original packaging in dry, covered and moisture-free rooms. Transport in covered means of transport, protected against damage. During transport, the safety regulations must be observed. The product should be protected against chemical agents that could reduce its technical parameters or permanently damage it.

The product is under warranty, providing that the guidelines included in technical data sheet are being obeyed. We reserve the right to refuse a complaint recognition in case of not following these guidelines.

Contained information, advice and guidance is given based on our knowledge, researches, experience and in good faith. We are not responsible for the consequences of improper or incorrect use of our products. Each user of this material will ensure in every possible way, including an examination of the final product in the relevant conditions, the suitability of supplied materials to achieve the objectives pursued by him.

Product information can be found on the website: www.eurovent.de

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