

TECHNICAL DATA SHEET

Eurovent EPDM PRO BUTYL

EPDM elastomer tape for vertical and horizontal moisture-proofing of facade and joinery connections in construction. It is used to prevent moisture from penetrating the external structure into the facade, as well as to direct water away from the building walls, thereby preventing condensation of water vapor.



ESSENTIAL CHARACTERISTICS	UNIT	PERFORMANCE PROPERTIES
Length	m	20 (±5%)
Width	cm	from 10 to 40 (-0.5% to 1%)
Straightness	mm	≤ 75/10 m
Thickness	mm	0,750 (±5%)
Weight	kg/m ²	0,720 (±5%)
Water tightness	60kPa Method B	waterproof
Resistance to static loads	kg	≥10
Impact resistance	mm Method A	150
Flexibility at low temperature	°C	≤ -35
Resistance to asphalt impact (resistance determined by water tightness)	40 kPa	waterproof
Durability - water tightness after artificial aging - in an alkaline environment	2 kPa Method A	waterproof
Tear resistance (nail) longitudinal / transverse direction	N / N	≥160 / ≥180
Shear strength of the joint longitudinal overlap / transverse overlap	N/50 mm / N/50 mm	≥ 134 / ≥ 139
Resistance to water vapor transmission: 1. Water vapor transmission rate: 2. Water vapor diffusion resistance: 3. Diffusion resistance factor: 4. Sd value:	g[kg/(m ² s)] (m ² s Pa)/kg μ Sd[m]	2,54 x 10 ⁻⁸ 8,33 x 10 ⁺¹⁰ 17992,4 16,195
Fire reaction	class	F
Hazardous substances	-	Does not contain
Packaging	Width	10
	Number of rolls per carton	1
	Number of rolls per pallet	225
		20
		1
		105

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Application:

Waterproof and moisture-resistant sealing tape for connections between window joinery and walls. EPDM PRO BUTYL can be used to prevent water or moisture from penetrating the interior of the wall. The tape is applied on the interior side of the wall to act as a barrier that prevents warm air from flowing from inside the building to the outside. It is also used as a moisture barrier on the substructure that holds facade panels. An additional function is to facilitate the mutual movement of the substructure and facade cladding, caused by changes in temperature and air humidity. The tape features an additional strip of butyl for better adhesion on porous surfaces.

Installation:

- Mechanical installation (using staples to the wooden auxiliary frame).
- By gluing to create a mechanical connection to the window frame and wall.
- The tape should be applied under conditions suitable for construction work, at temperatures above -15°C. The tape should be adhered to a prepared surface, free of dust, dirt, and grease, at the installation site on the substructure where the facade will be mounted.

Storage / Transport:

The tapes should be stored at room temperature, in dry, covered spaces, free from moisture and direct UV radiation. It is recommended to store the tapes in their original, sealed packaging. Protect from mechanical damage. The tape should be transported in covered vehicles, protected from damage. The product should be protected from exposure to chemicals, especially solvent-based substances, as they may reduce the technical parameters or permanently damage the product.

The product is covered by a warranty provided that the guidelines in the technical data sheet are strictly followed. The manufacturer reserves the right to refuse a warranty claim if these guidelines are not followed.

The information, recommendations, and guidelines provided are based on our best knowledge, research, experience, and in good faith. We do not assume responsibility for the consequences of improper or incorrect use of our products. Each user of this material must ensure, by all possible means, including testing the final product under appropriate conditions, that the supplied materials are suitable for achieving their intended purposes.

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

Update date: 22/08/2024