

TECHNICAL DATA SHEET



Eurovent EPDM PRO BUTYL

EPDM elastomer tape for vertical and horizontal moisture protection of façade and window joinery connections in construction. It is used to prevent moisture from penetrating building façades from the outside and to facilitate drainage from wall structures, helping to prevent condensation of water vapour.

PARAMETER	UNIT	VALUE	
Material		EPDM elastomer + butyl adhesive	
Length	[m]	20 (±5%)	
Width	[cm]	from 10 to 40 (-0,5% do 1%)	
Straightness	[mm]	≤ 75/10 m	
Thickness	[mm]	0,750 (±5%)	
Weight	[kg/m ²]	0,720 (±5%)	
Waterproof	60kPa Method B	Waterproof	
Resistance to static loads	kg	≥10	
Impact resistance	[mm] Method A	150	
Resistance to bending at low temperature	[°C]	≤ -35	
Resistance to asphalt (resistance determined by watertightness)	40 kPa	Waterproof	
Durability - water tightness after artificial aging - in an alkaline environment	2 kPa Method A	Waterproof	
Tear resistance (nail) direction along / direction crosswise	[N / N]	≥160 / ≥180	
Shear strength of the joint - longitudinal overlap	[N/50 mm / N/50 mm]	≥ 134 / ≥ 139	
Nat resistance penetration of water vapor: 1. Water vapour transmission rate: 2. Water vapour diffusion resistance: 3. Water vapour diffusion resistance factor: 4. Sd value : 5. Water vapour permeability:	[g[kg/(m ² s)] [(m ² s Pa)/kg] [μ] Sd[m] [g/m ²]	2,54 x 10 ⁻⁸ 8,33 x 10 ⁺¹⁰ 17992,4 6,793 ca. 2	
Reaction to fire	class	F	
Dangerous substances	-	Do not contain	
Packaging	Width (cm)	10	20
	Rolls per carton	1	1
	Rolls per pallet	225	105



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Application: Waterproof and moisture-resistant sealing tape for joints between window frames and walls. EPDM PRO BUTYL can be used as a barrier to prevent water or moisture from penetrating into the wall structure. It is also used as a moisture barrier on substructures supporting façade panels. An additional function of the tape is to facilitate movement between the substructure and cladding caused by changes in temperature and humidity. The tape includes an additional butyl strip to improve adhesion on porous surfaces.

Assembly:

- Mechanical installation using staples onto a wooden subframe.
- Adhesive bonding to mechanically connect the tape to the window frame and wall.
- Installation on the substructure beneath each gap between façade panels.
- The tape should be applied under construction-ready conditions, at temperatures above -15°C. It must be adhered to a properly prepared surface—clean, dry, and free from dust, dirt, and grease—at the designated mounting location on the substructure where the façade cladding will be installed.

Safety: The product is not intended for consumption. Avoid contact with eyes. In case of skin irritation, consult a doctor.

Storage / transport: The product must be stored in its original packaging, in dry, covered areas, protected from moisture and direct UV radiation. It should be transported using covered vehicles and secured against damage. The product must be protected from exposure to chemicals, especially solvent-based substances, as these may impair its technical properties or cause permanent damage.

The product is covered by a warranty, provided that all guidelines specified in the technical data sheet are strictly followed. The manufacturer reserves the right to reject warranty claims if these guidelines are not observed.

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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