

TECHNICAL DATA SHEET

Eurovent EPDM PRO

Elastomeric EPDM tape for vertical and horizontal moisture proofing of facade joints and woodwork in construction. It is used to prevent the penetration of moisture from the outside into the facade structures, as well as to drain from the walls of the building, so as to prevent the phenomenon of condensation.



PARAMETER	UNIT	VALUE
Length	m	25 (±5%)
Width	cm	from 5 to 60 (-0,5% do 1%)
Straightness	mm	≤ 75/10 m
Thickness	mm	0,750 (±5%)
Weight	kg/m ²	0,720 (±5%)
Waterproof	100 kPa Method B	Waterproof
Resistance to static loads	kg	≥ 20
Impact resistance	mm Method A	≥ 2000
Resistance to bending at low temperature	°C	≤ -30
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	≥ 77 / ≥ 80
Tear strength (trapezium) direction along / direction crosswise	N / N	≥ 25 / ≥ 30
Shear strength of the joint longitudinal plant / - transverse plant	N/50 mm / N/50 mm	≥ 134 / ≥ 139
Mechanical properties when stretched Maximum strength: along / - across	N/50 mm / N/50 mm	170 / 140
Relative elongation at break along / across	% / %	800 / 900
Nat resistance penetration of water vapor: 1. The density of water vapor: 2. Diffusion resistance of water vapor: 3. Diffusion resistance factor: 4. Sd value:	g[kg/(m ² s)] (m ² s Pa)/kg μ Sd[m]	1,02 x 10 ⁻⁸ 2,08 x 10 ⁺¹¹ 31000 30
Reaction to fire	class	E
Dangerous substances	-	Do not contain

Width (cm)	5	6	10	15	20	25	30	40	50	60
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Packaging	number of rolls in a carton	4	5	4	4	4	2	2	2	1	1
	number of rolls on a pallet	672	600	288	192	192	144	96	96	72	48

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Application:

Waterproof and moisture-proof tape for sealing joints between window frames and walls. EPDM PRO can be used as a means of preventing water or moisture from entering the wall. The tape is used on the inside of an interior wall to act as a barrier to stop the flow of warm air from inside the building to the outside. The tape is also used as a moisture barrier on the substructure holding the facade panels. An additional function is that the substructure and façade cladding are more easily overlapped by changes in temperature and humidity. The tape is also designed for sealing joints between windows and lightweight curtain walls with aluminum section construction, and the building structure.

Installation:

- Mechanical assembly (using staples to a wooden support frame).
- By bonding for mechanical connection to the window frame and wall.
- Installation on a substructure under each gap between facade panels.
- The tape should be applied in conditions that allow construction work to be performed, at temperatures above -15°C. The tape should be applied on a prepared surface, free of dust, dirt and grease, at the installation site to the substructure on which the facade will be installed.

Storage / transportation:

The tapes should be stored at room temperature, in dry, covered areas, free from moisture and direct UV radiation. It is recommended to store the tapes in their original, sealed packaging. Protect them from mechanical damage. Transport the tape in covered means of transportation, secured against damage. Protect the product from exposure to chemicals, especially solvent-based substances, as they may decrease the technical parameters or permanently damage the product.

The product is covered by the warranty under the condition of absolute compliance with the guidelines contained in the technical data sheet. The manufacturer reserves the right to refuse to recognize a complaint in case of failure to comply with the guidelines presented.

The information, recommendations and instructions contained are given based on the best of our knowledge, research, experience and in good faith. We are not responsible for the consequences of improper or erroneous use of our products. Each user of this material will ascertain by all means possible, including checking the final product under appropriate conditions, the suitability of the materials supplied for the purposes intended by him.

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

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