

## TECHNICAL DATA SHEET



### Eurovent EPDM PRO

EPDM Elastomer Tape for moisture protection of façade joints and window/door frames in construction. It is used to prevent moisture ingress from the outside into façade structures, as well as to facilitate moisture drainage from building walls, thereby preventing condensation of water vapour.

PARAMETER	UNIT	VALUE
Material		EPDM elastomer
Length	[m]	25 (±5%)
Width	[cm]	from 5 to 100 (-0,5% to 1%)
Straightness	[mm]	≤ 75/10 m
Thickness	[mm]	0,750 (±5%)
Weight	[kg/m <sup>2</sup> ]	0,750 (±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 <sup>2</sup> s)] [(m <sup>2</sup> s Pa)/kg] [μ] Sd[m] [g/m <sup>2</sup> ]	2,54 x 10 <sup>-8</sup> 8,33 x 10 <sup>+10</sup> 17992,4 6,793 ca. 2
Reaction to fire	class	F
Dangerous substances	-	Does not contain

Packaging	Width (cm)	5	10	15	20	25	30	35	40	50	60
	Rolls per carton	8	4	4	4	2	2	2	2	1	1
	Rolls per pallet	672	288	192	192	144	96	96	96	72	48



## Eurovent EPDM PRO

**Application:** Waterproof and moisture-resistant sealing tape for joints between window frames and walls. EPDM PRO is designed to prevent water or moisture from penetrating the wall structure. The tape is applied on the interior side of the inner wall, acting as a barrier that blocks the flow of warm indoor air to the outside. It also serves as a moisture barrier on substructures supporting façade cladding panels. An additional function of the tape is to accommodate differential movement between the substructure and façade cladding caused by temperature and humidity fluctuations. The tape is also intended for sealing connections between windows and lightweight curtain walls with aluminium profiles and the building structure.

### 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](http://www.eurovent.de)

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