

TECHNICAL DATA SHEET

Eurovent **EPDM PRO SK**

EPDM elastomer tape for vertical and horizontal damp-proofing of joints in façade systems and around windows and doors in buildings. It is used to prevent moisture from penetrating façade structures from the outside and to drain moisture away from building walls, thereby preventing water vapour condensation.

ESSENTIAL CHARACTERISTICS	UNIT	PERFORMANCE
Material composition		EPDM elastomer
Length	[m]	25 (±5%)
Width	[cm]	od 5 do 100 (-0,5% do 1%)
Straightness	[mm]	≤ 75/10 m
Thickness	[mm]	0,750 (±5%)
Mass per unit area	[kg/m ²]	0,750 (±5%)
Watertightness	2 kPa Method A	Watertight
	60 kPa Method B	
Watertightness after artificial ageing	60 kPa Method B	Watertight
Tear resistance (nail shank), longitudinal / transverse direction	N	50/ 50
Joint shear strength, longitudinal overlap / transverse overlap	[N/50mm / N/50mm]	134 / 139
Durability – watertightness after artificial ageing in an alkaline environment	2 kPa Method A	Watertight
Impact resistance	mm Method A	≥ 200
Resistance to static loading	kg Method A	≥ 5
	kg Method B	≥ 15
Resistance to bending at low temperature	C	≤ - 40
Resistance to the effects of asphalt (determined by watertightness)	40 kPa	Watertightness
Resistance to water vapour transmission: 1. Water vapour flux density 2. Water vapour resistance 3. Water vapour diffusion resistance factor 4. Sd value	g[kg/m ² s] (m ² sPa)/kg μ Sd [m]	2,29x10 ⁻⁸ 7,07 x 1010 16472 14,2
Reaction to fire	klasa	F
Hazardous substances	–	Does not contain



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PACKAGING	Width (cm)	5	6	10	15	20	25	30	40	50	60
	Number of rolls per carton	4	5	4	4	4	2	2	2	1	1
	Number of rolls per pallet	672	600	288	192	192	144	96	96	72	48

Application: Waterproof and moisture-resistant sealing tape for joints between window frames and walls. EPDM PRO SK can be used to prevent water or moisture from penetrating the wall structure. The tape is also used as a moisture barrier on the substructure supporting façade panels. An additional function is to facilitate relative movement between the substructure and façade cladding caused by changes in temperature and air humidity. The tape is also intended for sealing joints between windows or lightweight curtain walls made of aluminium profiles and the building structure.

Installation:

- Mechanical installation (using staples to fix the tape to an auxiliary wooden frame).
- Installation by bonding to provide a mechanical connection to the window frame and wall.
- Installation on the substructure beneath each gap between façade panels.
- The tape should be applied under conditions suitable for construction work. The recommended minimum installation temperature is +5°C. The tape must be bonded to a prepared surface, free from dust, dirt and grease, at the installation point on the substructure to which the façade will be attached.

Safety instructions: The product is not intended for consumption. Avoid contact with eyes. In the event of skin irritation, consult a physician.

Storage / Transport The product must be stored at room temperature in its original, closed packaging, in dry, covered premises protected from moisture and direct UV radiation. The product must be transported in covered vehicles and protected against damage. The product must be protected against chemical agents, particularly solvent-based substances, as these may reduce its technical performance or permanently damage the product.

The product is covered by a warranty provided that the instructions specified in the Technical Data Sheet are strictly followed. The manufacturer reserves the right to reject warranty claims if these instructions are not followed.

The information, recommendations and instructions provided herein are based on our best knowledge, research and experience and are given in good faith. We accept no liability for the consequences of improper or incorrect use of our products. Every user of this material must take all possible measures, including testing the final product under appropriate conditions, to ensure that the supplied materials are suitable for their intended purposes.

Product information: www.eurovent24.com

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