

TECHNICAL DATA SHEET

Eurovent **SPECIAL N**



The Eurovent® SPECIAL N reinforced vapour barrier film is made of a polymer mesh coated on both sides, which provides high tear resistance. It is used as a vapour barrier membrane in building partitions, roofs, walls, ceilings, and similar applications.

PARAMETER	UNIT	VALUE
Skład materiału		Outer layers made of LDPE with internal HDPE reinforcement
Vapour-permeability	[m]	1
Reaction to fire		F
Temperature resistance	[°C]	-40 to +80**
Sd value	[m]	≥ 40
UV resistance	[months]	2*
Exposure time on UV	[week]	4
Mass per unit	[g/m ² (±5%)]	ca. 110 (±30%)
Water-tightness		W1
Tensile strength MD	[N/50 mm]	≥260 (±100)
Tensile strength CD	[N/50 mm]	≥140 (±100)
Tear resistance MD	[N]	≥100 (±55)
Tear resistance CD	[N]	≥110 (±55)
Elongation MD	[N]	≥17 (±30)
Elongation CD	[N]	≥11 (±30)
Color		white / white
Roll size	[m x mb]	1,5 x 50 = 75 m ²
Pallet	[roll]	120

* UV stabilization even up to 2 months according to artificial ageing performed in the laboratory related to the conditions of average sun exposure for the climate in Central Europe. ** Limited time exposure.



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Application: Used in residential and industrial construction as a vapour barrier film that effectively protects thermal insulation from the penetration of water vapour and moisture in building partitions, roofs, walls, and ceilings. It is installed either parallel or along the rafters, directly on top of the thermal insulation. During installation, it is essential to use Eurovent[®] UNO or Eurovent[®] DUO adhesive tape for bonding overlaps, and Eurovent[®] UNO tape for sealing joints with roof or wall structural elements.

Installation recommendations / warranty: Installation should be carried out using Eurovent[®] tapes for bonding overlaps, repairs, and sealing any perforations in the membrane (caused by staples, nails, or other mechanical damage). All punctures or damages to the membrane must be properly sealed. Within 2 weeks from installation, the vapour barrier film must be shielded from daylight (UV radiation). The product is covered by a warranty provided that all guidelines specified in the technical data sheet and installation instructions are strictly followed. The manufacturer reserves the right to reject warranty claims in the event of non-compliance with the stated guidelines.

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

Storage / transport: The product should be stored in dry, covered rooms, free from moisture and UV radiation, in original, undamaged, and sealed packaging. It must be transported using covered means of transport. The product should be secured for transport in a way that protects it from damage and destruction. During transport, applicable transport safety regulations must be observed. The product must be protected from exposure to chemical agents, especially solvent-based substances, as these may reduce its technical performance or cause permanent damage.

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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