

## TECHNICAL DATA SHEET

Eurovent **GEO 8 V**

Extruded foundation foil made of high-density polyethylene (HDPE) with a diagonal dimple pattern. Highly resistant to compression, it ensures ventilation of the surface on which it is installed and protects it against groundwater and moisture. Additionally, it provides a layer of thermal and acoustic insulation.

PARAMETER	UNIT	VALUE
Grammage	[g/m <sup>2</sup> ]	400 ± 10%
Watertightness [2 kPa/24h]	–	Watertight
Impact resistance	[mm]	≥ 500
Resistance to static load	[kg]	20
Shear strength of joint MD/CD	[N/50mm]	NPD
Tensile strength MD/CD	[N/50mm]	≥ 200 / ≥ 150
Elongation at break MD/CD	[%]	≥ 25 / ≥ 20
Tear resistance MD/CD	[N]	≥ 200 / ≥ 200
Watertightness after artificial ageing	[2 kPa/24h]	Watertight
Watertightness after exposure to chemicals	[2 kPa/24h]	Watertight
Reaction to fire	[%]	F
Hazardous substances	[N]	NPD
Roll size	[m x rm]	0.5 × 20 = 10 m <sup>2</sup> 1.0 × 20 = 20 m <sup>2</sup> 1.5 × 20 = 30 m <sup>2</sup> 2.0 × 20 = 40 m <sup>2</sup> 2.5 × 20 = 50 m <sup>2</sup> 3.0 × 20 = 60 m <sup>2</sup>
Pallet	[Rolls]	0.5 m = 48 rolls 1.0 m = 24 rolls 1.5 m – 3.0 m = 12 rolls



## TECHNICAL DATA SHEET

### Eurovent **GEO 8 V**

**Application:** Suitable for multiple applications in residential and industrial buildings. Installed between the foundation wall and the soil, it acts as a damp-proof barrier, protecting against mechanical damage and the harmful effects of tree and shrub roots. Provides drainage and ventilation in vertical foundation walls and protects them against moisture. In terrace and balcony areas, it prevents moisture from penetrating the concrete layer, equalises hydrostatic pressure, and forms a drainage layer that channels water seeping from the floor or gravel into drainage pipes.

**Installation recommendations:** The membrane should be laid with the dimples facing the insulated surface. When properly installed, Eurovent® GEO 8 V separates the soil from the foundation wall and creates an air gap to support ventilation. It should only be applied on clean surfaces, free from any elements that could damage it. Fix the membrane using dedicated nails or plugs with sealing washers - Eurovent® GEO NAIL spaced approximately every 60 cm. When joining sheets, maintain an overlap of at least 35 cm.

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

**Storage / transport:** Store in dry, covered rooms, free from moisture and UV radiation, in original, undamaged, sealed packaging. Transport using covered vehicles. The product must be prepared for transport in a way that protects it against damage or destruction. Under heavy load, the foundation membrane may deform – stacking with heavy products is not recommended. During transport, comply with transport safety regulations. Protect the product from contact with chemicals that could reduce its technical properties or cause permanent damage.

The product is covered by a warranty provided that all guidelines in this technical data sheet are strictly followed. The manufacturer reserves the right to refuse 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)

Update date: 12/08/2025