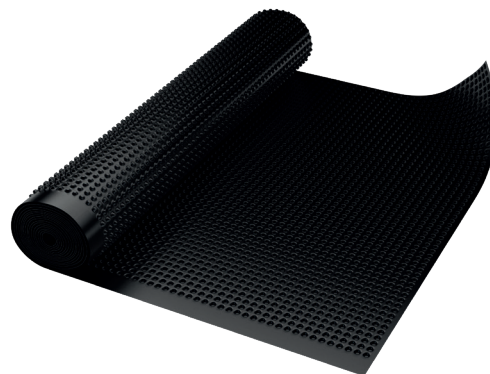


Eurovent GEO 8 800

An embossed foundation foil made of high-density polyethylene (HDPE) with a thickness of approx. 0.8 mm. Designed for use in insulation and drainage systems, as well as for damp-proof and waterproof insulation of underground elements with ventilation. Suitable for sealing ditches and retention reservoirs, as a separation and insulating layer under road and railway structures, and as a protective and root-resistant layer in inverted roof insulation systems. Type V, Type T.



PARAMETER	VALUE	UNIT	NORM
Watertightness	Watertightness to 60 kPa	-	EN 1928:2002 (60 kPa)
Waterproofing after artificial aging	Watertightness to 60 kPa	-	EN 1928:2002 after testing according to EN 1296 (70°C / 12 weeks)
Watertightness after chemicals	Watertightness to 60 kPa	-	EN 1928:2002 after testing according to EN 1847 (23°C / 28 days)
Tensile strength	MD ≥ 514 CMD ≥ 518	[N/50mm]	EN 12311-2:2013
Elongation at break	MD ≥ 12,1 CMD ≥ 10,6	[kN/m]	PN-EN ISO 10319:1996
Maximum tensile force	MD ≥ 106 CMD ≥ 70	[%]	EN 12311-2:2013
Elongation	400 kN/m ² 400 kPa / 40 t/m ²	-	EN ISO 25619-2
Compression strength	Class F	-	EN 13501-1
Dynamic puncture resistance (falling cone method)	16	[mm]	PN-EN 918
Number of studs	ca. 1860	[szt.]	-
Stud height (product thickness)	8,0	[mm]	-
Surface mass	800	[g/m ²]	PN-EN 9864-1:2007
Thickness (cross-section)	0,84	[mm]	PN-EN ISO 9863-1:2007
Microbiological resistance	100% strength retention	-	PN-EN 12225:2002
Temperature resistance	- 40 do + 80	[°C]	

Advantages:

- Resistance to moisture and chemicals
- Compression resistance
- Provides drainage and ventilation
- Replaces "lean concrete"

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Application:

The GEO 8 800 foundation foil is used in various areas of residential and industrial buildings. Installed between the foundation wall and the ground, it serves as a moisture barrier, protection against mechanical damage, and a shield against the harmful effects of tree and shrub roots. It performs drainage and ventilation functions for vertical foundation walls and protects them from moisture. When used in terraces and balconies, it prevents moisture from penetrating the concrete layer, equalizes hydrostatic pressure, and acts as a drainage layer that directs water leaking from the floor or gravel to drainage pipes. In ceiling insulation applications, it protects against moisture and enables the even pouring of concrete flooring.

Additional information:

Durability: minimum 25 years in natural soils with $4 < \text{pH} < 9$ and temperatures below 25°C.

Storage / transport:

The product should be stored in an original package, in dry, covered and free from moisture and UV radiation places. The foil is heavy, therefore we recommend storing either on original EURO pallets, or other pallets suitable for storing heavy items. The product should be transported by covered means of transport and protected from damage. Prepared for transport in a manner that protects them from damage and destruction. During transport safety regulations must be observed.

The product is covered by the warranty provided that the guidelines contained in the technical sheet are strictly adhered to. The manufacturer reserves the right to refuse to accept the complaint in the event of non-compliance with the presented guidelines.

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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