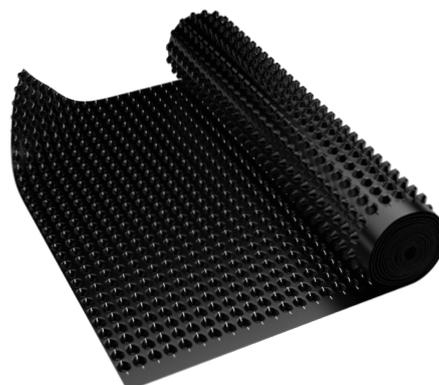


TECHNICAL DATA SHEET

**Eurovent GEO 20 GARDEN**

The Eurovent GEO 20 GARDEN drainage foundation foil made of high-density polyethylene (HDPE) characterized by 20 mm dimples in parallel pattern with additional perforation. The foil is designed for use as horizontal waterproofing layer in buildings when establishing garden roofs. The product is extremely resistant to compression, high dimples and perforation secure effective water drainage while large dimples ensure water retention in periods of drought. In addition, the foil also forms a layer of thermal and acoustic insulation. The product is also resistant to acids, alkali, solvents, bacteria, fungi as well as damage caused by roots.



PARAMETER	VALUE	NORM
Tensile strength	MD ≥ 9 kN/m CMD ≥ 8 kN/m	EN ISO 10319
Elongation	MD 70 % (± 10) CMD 65 % (± 8)	EN ISO 10319
Compressive strength	160 kN/m <sup>2</sup> 160 kPa / 16 t/m <sup>2</sup>	EN ISO 25619-2
Perforation size	3,5 mm	Int.Meth.
Fire resistance	F	EN 13501-1
Amount of stamping	400 pcs.	-
Straightness	< 75 mm/ 10 m	EN 1848-2
Product plane drainage capacity	9,6 l/m*s	EN 12958
Height of stamping (product thickness)	20 mm	-
Mass	about. 800 g/m <sup>2</sup>	PN-EN 9864-1:2007
Thickness (in section)	0,8 mm	PN-EN ISO 9863-1:2007
Microbial resistance	Strength preserved 100%	PN-EN 12225:2002
Temperature resistant	- 40 °C to + 80 °C	-

**Advantages:**

- Compression resistance • Enhanced drainage
- Garden roof solution

## Eurovent GEO 20 GARDEN

### Application:

The Eurovent GEO 20 GARDEN drainage foundation foil is designed for use as waterproofing layer in residential and commercial constructions, especially in garden roofs and terraces. When applied as horizontal insulation the foil is placed on the insulated surface with dimples upwards, then forms a draining surface which ensures continuous water withdrawal in the periods of heavy downfalls. In the periods of drought, large dimples ensure retention of water supply necessary for plants.



### Additional information:

Durability min. 50 years in natural soils with  $4 < \text{pH} < 9$  and temperature  $< 25^{\circ}\text{C}$

### Storage / transport:

The product should be stored in a dry place, under cover, free from moisture and UV radiation in original undamaged and closed package. 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 in covered means of transport. Prepared for transport in a manner that protects them from damage and destruction. During transport safety regulations must be observed.

The product is under warranty, providing that the guidelines contained in technical data sheet are being obeyed. We reserve the right to refuse a complaint recognition in case of not following these 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](http://www.eurovent.de)

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