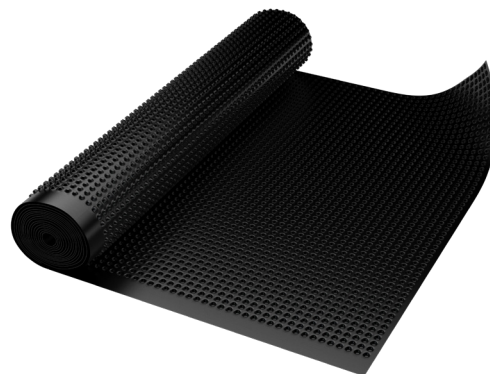


TECHNICAL DATA SHEET

Eurovent GEO 8 400

Embossed foundation foil, waterproof, made of high density polyethylene (HDPE), 0,4 mm width. Designed for isolation and drainage systems, retaining walls, foundations, floor slabs, to seal drainage ditches and troughs, also as a protection layer from the mechanical damages of the isolating layers.



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 test EN 1296 (70°C/ 12 tyg.)
Watertightness after chemicals	Watertightness to 60 kPa	-	EN 1928:2002 after test EN 1847 (23°C/ 28 dni)
Maximum tensile force	MD ≥ 280 (+/-28) 5,6 kN/m +/- 10% CMD ≥ 250 (+/-25) 5 kN/m +/- 10%	[N/50 mm]	EN 12311-2:2013
Extension	MD ≥ 100 CMD ≥ 80	[%]	EN 12311-2:2013
Compressing resistance	150 kN/m ² 150 kPa / 15 t/m ²	-	EN ISO 25619-2
Pressure resistance	MD ≥ 280 (+/-28) CMD ≥ 250 (+/-25)	[N/50 mm]	EN 12311-2:2013
Reaction to fire	Class F	-	EN 13501-1
Number of dimples	about 1860	[pcs.]	-
Height of stamping (product thickness)	8,5	[mm]	-
Surface mass	about 400	[g/m ²]	PN-EN 9864-1:2007
Thickness (in section)	0,42	[mm]	PN-EN ISO 9863-1:2007
Microbial resistance	Preserved strength 100%	-	PN-EN 12225:2002
Temperature resistant	- 40 to + 80	[°C]	

Advantages:

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

Eurovent GEO 8 400

Application:

GEO 8 400 foundation foil is designed for a number of applications in residential and commercial buildings. Installed between the foundation wall and the ground, creates anti moisture barrier, protects against mechanical damage as well as harmful effects of the trees and shrubs roots. Product can be used for drainage and ventilation in vertical foundation walls, protecting them from moisture. Used in terraces and balconies, foil prevents transfer of vapor to concrete, balances the hydrostatic pressure and drains the floor and gravel seepage to the footing perimeter drain. When applied as insulation in ceilings, product provides protection against moisture and enables to pour the concrete mix evenly.

Additional information:

Durability min. 25 years in natural soils with $4 < \text{pH} < 9$ and temp. $< 25^{\circ}\text{C}$. Installation using system hardened nails for concrete and insulation washers. Sealing of longitudinal and transverse joints with system tapes made of butyl rubber.

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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