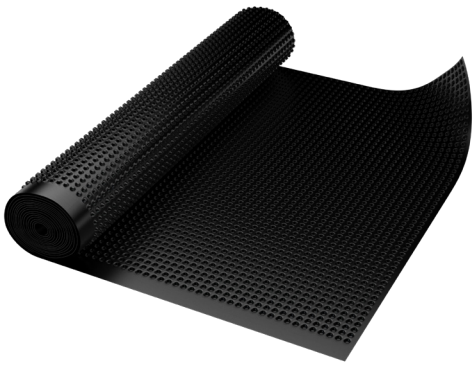
WE DEVELOP ROOFING IDEAS

Eurovent®

TECHNICIAL DATA SHEET



Eurovent GEO 8 400

Embossed, waterproof foundation membrane made of high-density polyethylene (HDPE) with a thickness of 0.4 mm. Designed for insulation and drainage systems, in retaining walls, foundation walls, and floor slabs, for sealing drainage ditches and channels, and also as a protective layer against mechanical damage to insulation layers.

PARAMETER	UNIT	VALUE
Watertightness	-	Watertightness at 60 kPa
Watertightness after artifical aging	-	Watertightness at 60 kPa
Water resistance after exposure to chemicals (lime milk)	-	Watertightness at 60 kPa
Maximum tensile force	[N/50mm]	MD ≥ 165 CMD ≥ 140
Elongation	[%]	MD ≥ 50 CMD ≥ 25
Compressive strength	-	150 kN/m^2 150 kPa / 15 t/m^2
Reaction to fire	-	Class F
Number of studs	[pcs]	ca. 1860
Stud height (product thickness)	[mm]	8,5
Surface mass	[g/m^2]	400
Thickness (cross-section)	[mm]	0,42
Microbiological resistance	-	100% strength retention
Temperature resistance	[°C]	-40 to +80

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Application: The GEO 8 400 foundation foil is used in various areas of residential and industrial buildings. Installed between the foundation wall and the ground, it serves 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.

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

Additional information: Durability: minimum 25 years in natural soils with 4<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 manner that protects them from damage and destruction. Durong transport safety regulations must be observed.

The product is covered by the warranty provided that the guildelines 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 konwledge, researches, experience and in good faith. We are no 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.pl

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