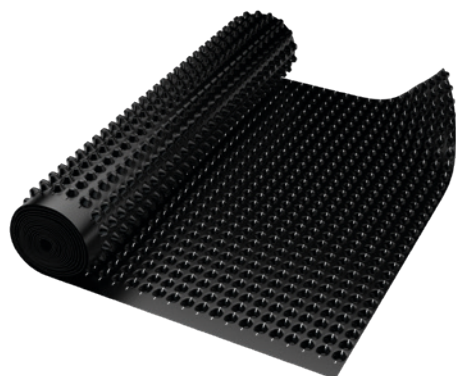


TECHNICAL DATA SHEET

Eurovent **GEO 20 GARDEN**



Drainage foil made of high-density polyethylene (HDPE) with a parallel arrangement of embossed studs with a height of 20 mm and additional perforation. It is primarily intended for creating horizontal waterproofing systems in buildings, especially in “green roof” constructions. It offers very high compressive strength; the high embossments and perforation provide enhanced water drainage capacity, while during dry periods the embossments act as a water retention reservoir. Additionally, it forms a layer of thermal and acoustic insulation. It is resistant to acids, alkalis, solvents, bacteria, fungi, and plant roots.

PARAMETER	UNIT	VALUE
Material composition		High-density polyethylene (HDPE)
Thickness	[mm]	0,8
Mass per unit area	[g/m ²]	800
Stud height	[mm]	20
Number of studs	[/m ²]	400
Reaction to fire		F
Tensile strength MD	[kN/m]	≥9
Tensile strength CD	[kN/m]	≥8
Compressive strength	[kN/m ²]	160
Temperature resistance	[°C]	- 40 to + 80
Roll size	[m x mb]	2,0 m x 20 mb = 40 m ²
Pallet	[rolls]	5



Eurovent **GEO 20 GARDEN**

Application: It is used to protect gutters made of both plastic and metal. Installation is carried out by bending the mesh to the appropriate width, then inserting it into the gutter and securing it to the edge with side hooks. Individual modules can be connected together.

Safety: The product is not intended for consumption. Avoid contact with eyes. In the event of skin irritation, consult a physician.

Storage / transport: Store in closed, original cartons. Protect against mechanical damage during storage. The product should be stored at room temperature in dry, covered areas, free from moisture and direct UV radiation. The product should be transported using covered means of transport and properly secured against damage. During transport, transport safety regulations must be observed. The vents should be protected from exposure to chemicals, especially solvent-based substances, as they may reduce technical performance or cause permanent damage to the product.

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

Update date: 29/01/2026