

TECHNICAL DATA SHEET

Eurovent GEO TEX

The geotextile Eurovent GEO TEX is made of thermosetting polypropylene continuous fibres, stabilized against UV rays. Used in the construction of sports fields, sidewalks and bicyclepaths, as well as vertical drainage, drainage, irrigation-systems and draining pipes. It's unique structure and technology stabilize soil, separates ground layers, provides excellent filtrationand protects other construction materials against damage.



PARAMETER		UNIT	VALUE
Material			Thermoset polypropylene
Roll size		[m x rm]	0,5; 1,0; 1,5; 2,0 x 50
Grammage		[g/m ²]	100
Tensile strength MD/CMD		[kN/m] EN ISO 10319	7,5 (- 1,0) / 8,5 (- 1,1)
Break elongation MD/CMD		[%] EN ISO 10319	60 (+/- 20) / 60 (+/- 20)
Static puncture resistance (CBR)		[kN] EN ISO 12236	1,30 (- 0,13)
Cone drop test resistance		[mm] EN ISO 13433	33 (+ 5)
Charachteristic opening size		[O ₉₀ μm] EN ISO 12956	100 (+/- 25)
Permeability normal to the plane (ΔH=50mm)		[l/m ² s] EN ISO 11058	95 (- 24)
In-plane water flow capacity, i=1, MD	Compressive stress	20 kPa	18 (-3,60)
		100 kPa	6,5 (-1,3)
		200 kPa	3,5 (0,7)
Pallet		[rolls]	0,5 m: 96 1,0 m: 24 1,5 m: 12 2,0 m: 12

Assets:

- Guarantees separation and filtration
- Reliable protection and drainage
- Stabilizes the ground

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Application:

Geotextile GEO TEX is used in the construction of sports fields, pavements, cycle paths, as well as for vertical, leach drains, irrigation and with a drainage pipe drainage systems. As a filter layer, it provides long-term filtration, which is used, among other things, for planting vegetation on river and water reservoir banks, supporting irrigation of vegetation on roads and streets, preventing the washing out of underlay sand during paving works. Next, as a drainage layer, it is used for the drainage of foundation walls for the drainage of the building foundations themselves. Finally, as a separation layer, it is used in the construction of forest roads, access roads, pavements, bicycle paths, parking lots.

Storage/ transport:

The product should be stored in dry, covered areas, free from dampness and direct UV radiation. The product also should be transported in covered means of transport, protected against damage. The product must be protected from chemicals' activity, in particular form solvent-based substances, as they may lower its technical parameters or damage the product permanently.

The product is covered by the warranty on condition that the guidelines included in the technical data sheet are strictly obeyed. The manufacturer reserves the right to refuse to accept the complaint in the case the presented guidelines are not complied.

All the included information, recommendations and guidelines are provided on the basis of our best knowledge, research, experience and good faith. We are not liable for the consequences of wrong or faulty use of our products. Each user of the material is supposed to make sure by every possible means, including checking the final product under appropriate conditions, that the materials supplied are suitable for the purposes intended by him.

Visit the website: www.eurovent.de to find all information about the product.

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