

Technical Data Sheet

Envirotex SSP



Product	Decontamination geocomposite
Composition	Polypropylene, activated carbon, biostimulant nutrients, and fungal strain
Main Function	Filtration and decontamination of contaminated soils

Envirotex SSP is an innovative, preventive, and environmentally friendly solution designed to filter and decontaminate runoff and infiltration water in order to protect groundwater and preserve the environment. It is composed of two layers of anti-contaminant geotextiles enclosing activated carbon, biostimulant nutrients, and fungal strains. Envirotex SSP is installed in the soil, between two layers of materials, in the same manner as a conventional separation/filtration geotextile.

Property	Test Method	Upper Geotextile ¹	Lower Geotextile ¹
Physical			
Weight	ASTM D5261		400 g/m ²
Thickness	ASTM D5199		3.2 mm
Mechanical			
Tensile strength	ASTM D4632		1970 N
Wide width tensile strength	ASTM D4595		25 kN/m
Elongation at break	ASTM D4595		70%
Tear resistance	ASTM D4533		550 N
CBR puncture	ASTM D6241		4 500 N
UV resistance	ASTM D4355		50%
Hydraulic			
Permittivity	ASTM D4491		1.0 s ⁻¹
AOS ²	ASTM D4751		80 µm

Property	Test Method	Envirotex SSP
Physical		
Weight of activated carbon, biostimulant nutrients, and fungal strains	-	125 g/m ²
Total weight of the geocomposite	-	925 g/m ²
Dimensions		
Width × Length	-	4m x 50m

The information originates from the manufacturer and has been transcribed by Texel. Properties are based on Minimum Average Roll Values (MARV) unless otherwise specified. The listed values are those obtained at the time of manufacturing. Handling and storage conditions may alter certain properties.

¹ The same geotextile is used for both the upper layer and the lower layer.

² Maximum value

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