














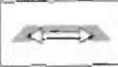



1137-CPD-613

TERRALYS: LF 100/100 01

Intended use

-  **EN 13249**
Construction of roads and other trafficked areas
-  **EN 13250**
Construction of railways
-  **EN 13251**
Earthworks, foundations and retaining structures
-  **EN 13252**
Drainage systems
-  **EN 13253**
Erosion control works
-  **EN 13254**
Construction of reservoirs and dams
-  **EN 13255**
Construction of canals
-  **EN 13256**
Construction of tunnels and underground structures
-  **EN 13257**
Solid waste disposal
-  **EN 13265**
Liquid waste disposal

Functions

-  **Filtration**
-  **Reinforcement**
-  **Separation**
-  **Drainage**
-  **Protection**

Durability

- To be covered within 1 month after installation.
- Predicted to be durable for a minimum of 25 years in natural soils with pH between 4 and 9 and soil temperatures lower than 25 °C.
- Terralys geotextiles consisting solely of polypropylene material have passed the oxidation test according to the ENV 13438. The minimum percentage retained strength is > 50 %.

Properties

Tensile Strength	(MD)	EN ISO 10319	100	- 13	kN/m
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Elongation	(MD)	EN ISO 10319	21	± 5	%
Elongation	(CMD)	EN ISO 10319	14	± 4	%
Dynamic Perforation Resistance		EN 918	8,0	+ 2,0	mm
Resistance to Static Puncture		EN ISO 12236	9,0	- 1,8	kN
Protection Efficiency		EN 13719	38	- 8	10 ³ kN/m ²
Characteristic Opening Size		EN ISO 12956	175	± 55	ISO 9001 µm
Water Permeability Normal to the Plane		EN ISO 11058	10	- 3,0	10 ³ m/s