Beaulieu International Group

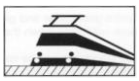
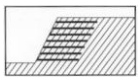
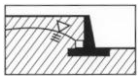
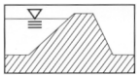
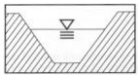
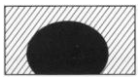
Technical Textiles

CE

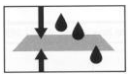
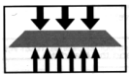
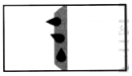
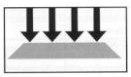
1137-CPR-0613/29

Terralys LF 17/16

Intended use

- ☑  **EN 13249** Construction of roads and other traficked 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 EN ISO 13438. The minimum percentage retained strength is > 50 %.

Properties		Standard	Average	Tolerance	Unit
Tensile Strength	(MD)	EN ISO 10319	**15**	- 2	kN/m
Tensile Strength	(CMD)	EN ISO 10319	**14**	- 2	kN/m
Elongation	(MD)	EN ISO 10319	**20**	± 5	%
Elongation	(CMD)	EN ISO 10319	**14**	± 3	%
Dynamic Perforation Resistance		EN ISO 13433	**27**	+ 6	mm
Resistance to Static Puncture		EN ISO 12236	**1,6**	- 0,3	kN
Characteristic Opening Size		EN ISO 12956	**300**	± 90	µm
Water Permeability Normal to the Plane		EN ISO 11058	**10**	- 3	10^{-3} m/s
Mass per unit area *		EN ISO 9864	**79**	± 8	g/m²
Fabric width *			**on request**	± 5	cm
Fabric length*			**on request**	± 2	%

* not mandated characteristics for CE-marking