Beaulieu International Group

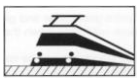
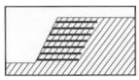
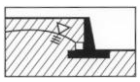
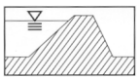
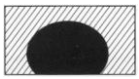
Technical Textiles

CE

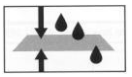
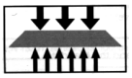
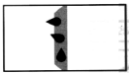
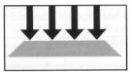
1137-CPR-0613/29

Terralys LF 29/29

Intended use

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

Functions

- [x]  **Filtration**
- [x]  **Reinforcement**
- [x]  **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	**29,00**	- 4,00	kN/m
Tensile Strength	(CMD)	EN ISO 10319	**29,00**	- 4,00	kN/m
Elongation	(MD)	EN ISO 10319	**14,0**	± 4,0	%
Elongation	(CMD)	EN ISO 10319	**14,0**	± 4,0	%
Dynamic Perforation Resistance		EN ISO 13433	**11**	+ 2	mm
Resistance to Static Puncture		EN ISO 12236	**3,70**	- 0,70	kN
Characteristic Opening Size		EN ISO 12956	**370**	± 125	µm
Water Permeability Normal to the Plane		EN ISO 11058	**48**	- 14	10^{-3} m/s
Mass per unit area *		EN ISO 9864	**134**	± 13	g/m²
Fabric width *			**on request**	± 5	cm
Fabric length*			**on request**	± 2	%

* not mandated characteristics for CE-marking