
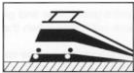



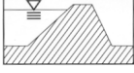
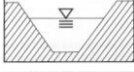



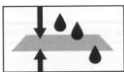
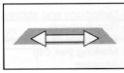
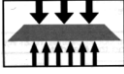

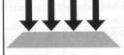


Terralys LF 41/41

Intended use

| | | |
|-------------------------------------|---|---|
| <input checked="" type="checkbox"/> |  | EN 13249 Construction of roads and other trafficked areas |
| <input checked="" type="checkbox"/> |  | EN 13250 Construction of railways |
| <input checked="" type="checkbox"/> |  | EN 13251 Earthworks, foundations and retaining structures |
| <input checked="" type="checkbox"/> |  | EN 13252 Drainage systems |
| <input checked="" type="checkbox"/> |  | EN 13253 Erosion control works |
| <input checked="" type="checkbox"/> |  | EN 13254 Construction of reservoirs and dams |
| <input checked="" type="checkbox"/> |  | EN 13255 Construction of canals |
| <input type="checkbox"/> |  | EN 13256 Construction of tunnels and underground structures |
| <input checked="" type="checkbox"/> |  | EN 13257 Solid waste disposal |
| <input checked="" type="checkbox"/> |  | EN 13265 Liquid waste disposal |

Functions

| | | |
|-------------------------------------|---|----------------------|
| <input checked="" type="checkbox"/> |  | Filtration |
| <input checked="" type="checkbox"/> |  | Reinforcement |
| <input checked="" type="checkbox"/> |  | Separation |
| <input type="checkbox"/> |  | Drainage |
| <input type="checkbox"/> |  | 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 | 41 | - 5 | kN/m |
| Tensile Strength | (CMD) | EN ISO 10319 | 41 | - 5 | kN/m |
| Elongation | (MD) | EN ISO 10319 | 17 | ± 7 | % |
| Elongation | (CMD) | EN ISO 10319 | 13 | ± 4 | % |
| Dynamic Perforation Resistance | | EN ISO 13433 | 16 | + 3 | mm |
| Resistance to Static Puncture | | EN ISO 12236 | 5,0 | - 0,9 | kN |
| Characteristic Opening Size | | EN ISO 12956 | 300 | ± 100 | µm |
| Water Permeability Normal to the Plane | | EN ISO 11058 | 28 | - 8 | 10 ⁻³ m/s |
| Mass per unit area * | | EN ISO 9864 | 200 | ± 20 | g/m ² |
| Fabric width * | | | on request | ± 5 | cm |
| Fabric length* | | | on request | ± 2 | % |

* not mandated characteristics for CE-marking

