Beaulieu International Group

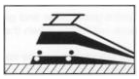
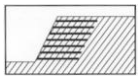
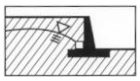
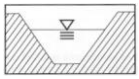
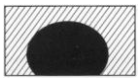
Technical Textiles

CE

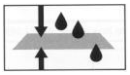
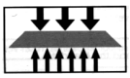
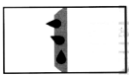
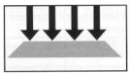
1137-CPR-0613/29

# Terrabarrier BL365 C3

## 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

- [ ]  **Filtration**
- [ ]  **Reinforcement**
- [x]  **Separation**
- [ ]  **Drainage**
- [ ]  **Protection**

## Durability

- To be covered within 1 week after installation.
- Predicted to be durable for a minimum of 5 years in natural soils with pH between 4 and 9 and soil temperatures lower than 25 °C.
- Terralys geotextiles consisting solely of polyethylène 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 | **34,00** | - 4,40 | kN/m |
| Tensile Strength | (CMD) | EN ISO 10319 | **31,00** | - 4,03 | kN/m |
| Elongation | (MD) | EN ISO 10319 | **25,0** | ± 5,8 | % |
| Elongation | (CMD) | EN ISO 10319 | **20,0** | ± 4,6 | % |
| Dynamic Perforation Resistance | | EN ISO 13433 | **19** | + 4 | mm |
| Resistance to Static Puncture | | EN ISO 12236 | **4,50** | - 0,90 | kN |
| Mass per unit area * | | EN ISO 9864 | **363** | ± 36 | g/m² |

* not mandated characteristics for CE-marking