



## Technical Textiles

# DECLARATION OF PERFORMANCE

No. DOP-Terralys LF 46/46-v5

## Terralys LF 46/46

1. Unique identification code of the product-type: **Terralys® LF (woven geotextiles)**
2. Type, batch or serial number or any other element allowing identification of the construction product:  
**Terralys LF 46/46**
3. Intended use: Table is listed on next page.
4. Name, registered trade name or registered trade mark and contact address of the certificate holder:  
**Beaulieu Technical Textiles SA, Boulevard Industriel 3, 7780 Comines-Warneton ,Belgium  
Tel. +32(0)56 56 06 70, btt@bintg.com**
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified: **Not applicable**
6. System or systems of assessment and verification of constancy of performance of the construction product:  
**System 2+**
7. The notified body **COPRO** performed under system 2+ the following tasks:
  - the initial inspection of the manufacturing plant and of factory production control, and
  - continuous surveillance, assessment and evaluation of factory production control, and issued the certificate of conformity (n° **1137-CPR-0613/29**) of the factory production control.
8. Declared performance: Table is listed on next page.

The performance of the product identified above is in conformity with the declared performance in the following table on the next page. This declaration of performance is issued under the sole responsibility of the certificate holder identified in point 4.

Signed for and on behalf of the certificate holder by

Filip Vandenweghe  
General Manager Division Technical Textiles  
Comines-Warneton, 23/03/2020

### Intended Uses



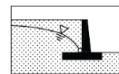
X EN 13249:2016



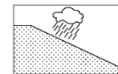
X EN 13250:2016



X EN 13251:2016



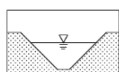
X EN 13252:2016



X EN 13253:2016



X EN 13254:2016



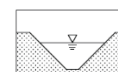
X EN 13255:2016



EN 13256:2016



X EN 13257:2016

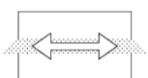


X EN 13265:2016

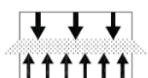
### Functions



X Filtration



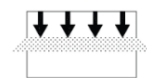
X Reinforcement



X Separation



Drainage



Protection

### Declared Performance

| Mechanical characteristics     | Test method  | Performance | Tolerance | Unit             |
|--------------------------------|--------------|-------------|-----------|------------------|
| Tensile Strength MD            | EN ISO 10319 | 46,00       | -6,00     | kN/m             |
| Tensile Strength CMD           | EN ISO 10319 | 46,00       | -6,00     | kN/m             |
| Elongation MD                  | EN ISO 10319 | 18,0        | ± 5,0     | %                |
| Elongation CMD                 | EN ISO 10319 | 14,0        | ± 4,0     | %                |
| Dynamic Perforation Resistance | EN ISO 13433 | 10          | + 3       | mm               |
| Resistance to Static Puncture  | EN ISO 12236 | 4,90        | -0,90     | kN               |
| Hydraulic characteristics      | Test method  | Performance | Tolerance | Unit             |
| Water Permeability             | EN ISO 11058 | 0,036       | -0,011    | m/s              |
| Characteristic Opening Size    | EN ISO 12956 | 370         | ± 80      | µm               |
| Descriptive characteristics    | Test method  | Performance | Tolerance | Unit             |
| Mass per unit area             | EN ISO 9864  | 186         | ± 19      | g/m <sup>2</sup> |
| Standard roll length           |              | on request  | ± 2 %     | lm               |
| Standard roll width            |              | on request  | ± 5 cm    | cm               |

### Durability

To be covered within 1 month after installation. Predicted to be durable for a minimum of 100 years in natural soils with pH between 4 and 9 and soil temperatures lower than 25°C. Consist solely of polypropylene material and passed the oxidation test according to EN ISO 13438.

Note: The values presented in the tables above are indicative, they are offered solely to provide possible suggestions. We reserve the right to alter the results of these materials without prior notice. As the installation and the conditions of use are beyond our control, Beaulieu Technical Textiles cannot accept responsibility for the performance of any of these products. The properties listed herein are provided as information only and in no way can create any warranty.