



H 94182

# ECOFELT PES-SB 800/2

|                     |                                                                                                                                |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <b>Product</b>      | Non-woven geotextile, produced with polyester-fibres without chemical treatment                                                |
| <b>Intended use</b> | <ul style="list-style-type: none"> <li>• Drainage</li> <li>• Filtration</li> <li>• Protection</li> <li>• Separation</li> </ul> |
| <b>Standard</b>     | EN 13249, EN 13250, EN 13251, EN 13252, EN 13253, EN 13254, EN 13255, EN 13256, EN 13257, EN 13265                             |
| <b>Application</b>  | loose laid with appropriate overlaps<br><br>Rolls of 50 m x 2 m = 100 m <sup>2</sup> per roll                                  |

| Characteristics                            | Testing method | Unit              | Result                         |
|--------------------------------------------|----------------|-------------------|--------------------------------|
| Mass per unit area                         | EN 9864        | g/m <sup>2</sup>  | 800 (+/-10%)                   |
| Thickness (2 kPa)                          | EN 9863        | mm                | 5,12 (-1,536)                  |
| Tensile test (long./trans.)                | EN ISO 10319   | kN/m              | 8,0 (-2,4) /<br>8,8 (-2,64)    |
| Elongation (long./trans.)                  | EN ISO 10319   | %                 | 50 (-20%) / 50 (-20%)          |
| Energy absorption index                    | EN ISO 10318   | kJ/m <sup>2</sup> | 3,4 (-1,536)                   |
| Static puncture test                       | EN ISO 12236   | kN                | 1,47 (-0,44)                   |
| Dynamic perforation test                   | EN ISO 13433   | mm                | 0 (+30%)                       |
| Characteristic opening size                | EN ISO 12956   | µm                | 40 (+/-30%)                    |
| water permeability normal to the plane     | EN ISO 11058   | m/s               | 0,0195 (+/-30%)                |
| Water flow capacity in their plane (20kPa) | EN ISO 12958   | m <sup>2</sup> /s | 1,90*10 <sup>-6</sup> (+/-30%) |
| Durability                                 | EN 12224       | Jahre             | mind. 5 <sup>[1]</sup>         |

[1] applies to soils with a pH value of 4 to 9, a temperature below 25 °C. The geotextile must be covered within 2 weeks after installation

The declared data are indices based on the statistical quality control and refer to the date of production. Consider state of the art, standards, legal provisions and guidelines for the suitability of the mentioned field of application and application method. All specifications are without obligation. The user must assess the suitability of the product for the particular purpose and ensure the user's access to the current version of the product data sheet.

**Subject to alteration without notice.**

Storage conditions: The products have to be stored in original packaging, being protected from direct sun light, UV-beams and extreme conditions like heat, frost, moisture, etc. During cold season store the products in a frost-free area (+5°C) for 12 hours before application.

**Development, Production and Sales of our products according to ISO 9001.**