

## Technical data Superdrain™ Thermo

### Needle-punched nonwovens for protection and drainage

|                |                           |  |  |  |
|----------------|---------------------------|--|--|--|
| <b>Product</b> | <b>Superdrain™ Thermo</b> |  |  |  |
|----------------|---------------------------|--|--|--|

#### Characteristic properties

|                    |  |  |  |  |
|--------------------|--|--|--|--|
| Structure and form | 100% polypropylene needle-punched, with thermal aftertreatment (drill- and screw-proof). |  |  |  |
|--------------------|--|--|--|--|

#### Mechanical properties

|                       |                  |      |      | Norm |               |
|-----------------------|------------------|------|------|------|---------------|
| Weight                | g/m <sup>2</sup> | 600  |      | nom  | EN ISO 9864   |
| Thickness             | mm               | 8.0  |      | nom  | EN ISO 9863-1 |
| Elongation            | longitudinal     | %    | 60.0 | nom  | EN ISO 10319  |
|                       | transversal      | %    | 50.0 | nom  |               |
| Tensile strength      | longitudinal     | kN/m | 3.5  | nom  | EN ISO 10319  |
|                       | transversal      | kN/m | 3.5  | nom  |               |
| Dynamic puncture test | mm               | 9.0  |      | nom  | EN ISO 13433  |

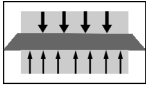
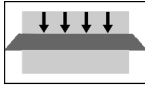


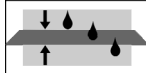

#### Hydraulic properties

|                               |         |   |     |  |     |              |
|-------------------------------|---------|---|-----|--|-----|--------------|
| Water permeability (vertical) |         | l/m <sup>2</sup> .s                               | 0.9 |  | min | EN ISO 11058 |
| Water flow in the plane       | 50 KPa  | 10 <sup>-6</sup> m <sup>2</sup> x m <sup>-1</sup> | 95  |  | min | EN ISO 12958 |
|                               | 200 KPa | 10 <sup>-6</sup> m <sup>2</sup> x m <sup>-2</sup> | 17  |  | min | EN ISO 12958 |
| Water absorbing capacity      |         | %   | 200 |  | min | DIN 53923    |

#### Delivery form rolls of

|        |                |      |  |  |  |
|--------|----------------|------|--|--|--|
| Length | m              | 50   |  |  |  |
| Width  | m              | 2.00 |  |  |  |
| Area   | m <sup>2</sup> | 100  |  |  |  |

#### Function and application

|                   |   |  |  |
|-------------------|---|--|--|
| Intended function |  |  | <br>N° CH1165826<br> |
|                   |  |  |  |

min = minimum values | max = maximum values | nom = nominal values

The values given are average obtained according to internal and external testing. We reserve the right to make changes at any time in accordance with our knowledge, technology and experiences without any notice.