

PRODUCT CARD

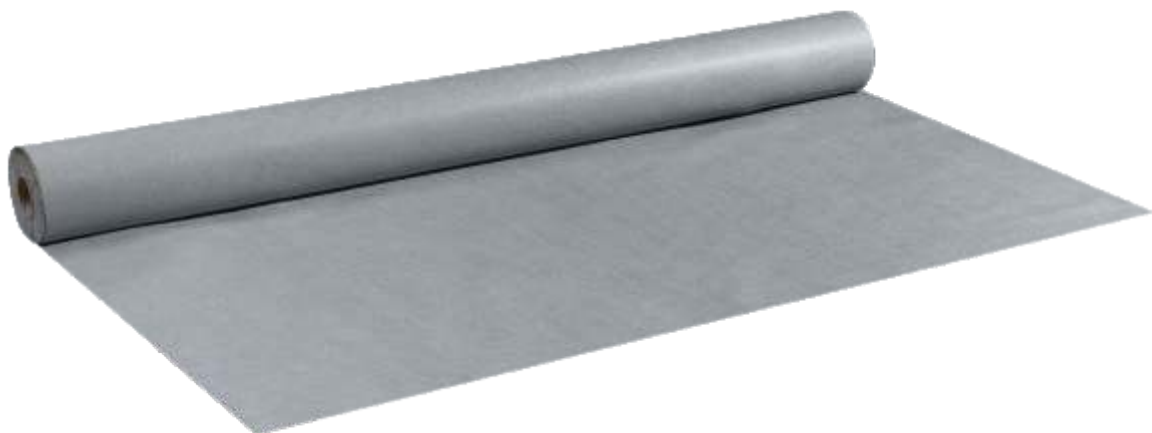
# GREENFOND TEX 100

GREENFOND TEX 100 is a specialist polypropylene geotextile, made of thermally hardened filaments

GREENFOND TEX 100 is a product used as a filtration, separation, drainage, reinforcement layer on green roofs, in road construction, geotechnics and agriculture.

Thanks to very good separation and filtration properties, while maintaining high strength parameters, it is successfully used as a filtration layer in green and extensive roof systems.

GREENFOND TEX 100 properly dimensioned roll facilitates its convenient transport and easy assembly at the construction site.



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# TEX 100

### TECHNICAL DATA OF THE PRODUCT:

|  |  |
|--|--|
| Own weight                                       | 100 (min. -30, max.+30) g/m <sup>2</sup>   |
| MD / CMD tensile strength                        | 7,2/7,7 (+/-1) kN/m  |
| Extending MD / CMD                               | 65/65 (+/- 20) %   |
| Dynamic cone drop                                | 30 (+/- 5) mm  |
| Static puncture                                  | 1,3 (+/- 0,13) kN  |
| The flow of water in the plane $i = 1$           | 20 kPa - 18 (-3,6) 10 <sup>-7</sup> l/m <sup>2</sup> x s<br>100 kPa - 7 (-1,4) 10 <sup>-7</sup> l/m <sup>2</sup> x s<br>200 kPa - 4 (-0,8) 10 <sup>-7</sup> l/m <sup>2</sup> x s |
| The conventional pore size                       | 95 (+/- 20)um  |
| Permeability of water in the perpendicular plane | 110 (- 20) l/m <sup>2</sup> x s  |
| Strength class                                   | II   |
| Durability                                       | Overlaying should take place 14 days after use (the latest);<br>durability > 25 years in natural soil<br>at 4-9 pH and <25 C according to EN ISO 13438                           |
| Roll dimension                                   | 2x50m/100m <sup>2</sup>  |
| Article number                                   | 10.1201  |