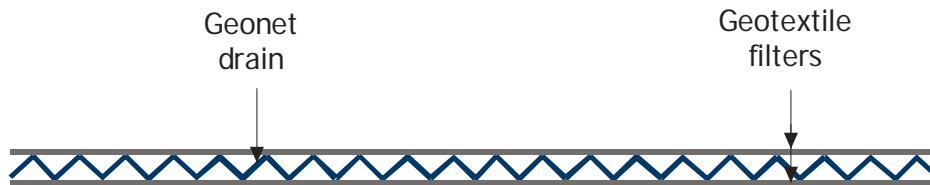


protexia™ FnF 015 data sheet

20/3/08

Configuration:

Three-layer geonet drainage core with a needlepunched, non-woven geotextile bonded on both sides.



| | Method | Units | |
|--|------------------|---------------------|---------------------------|
| Drain | | | Three-layer net |
| Polymer | | | high density polyethylene |
| Thickness | BS EN ISO 9863-1 | mm | 6 |
| Tensile strength | BS EN ISO 10319 | kN/m | 10 |
| Geotextile | | | |
| Polymer | | | polypropylene |
| CBR puncture resistance | BS EN ISO 12236 | kN | 3.3 |
| Tensile strength (md) | BS EN ISO 10319 | kN/m | 22 |
| Tensile strength (xmd) | BS EN ISO 10319 | kN/m | 22 |
| Cone Drop | BS EN 918 | mm | 13 |
| Pore size O ₉₀ | EN ISO 12956 | µm | 60 |
| Water flow | BS EN ISO 11058 | l/m ² /s | 70 |
| Composite | | | |
| In-plane flow capacity i=1 with soft platens | EN ISO 12958 | l/s/m width | |
| @ 20kPa (md) | | | 0.7 |
| @ 100kPa (md) | | | 0.5 |
| @ 200kPa (md) | | | 0.3 |
| CBR puncture resistance | BS EN ISO 12236 | kN | 7 |
| CBR puncture displacement | BS EN ISO 12236 | mm | 60 |
| Tensile strength | BS EN ISO 10319 | kN/m | 45 |
| Tensile elongation | BS EN ISO 10319 | % | 60 |
| Shear strength | prEN ISO 13426-2 | kN | 2.5 |
| <p><i>Values are Typical, with the exception of Thickness, which is Nominal. Typical indicates the mean value derived from the samples taken for any one test as defined in the BS EN ISO standard - usually the mean of five samples. Nominal is a guide value.</i></p> <p><i>No warranty is given or implied for the use of this information for design and installation as these are beyond our control. GEOfabrics Limited reserves the right to change specifications without notice.</i></p> | | | |



GEOfabrics Limited
Skelton Grange Rd, Stourton
Leeds LS10 1RZ
United Kingdom

Telephone: +44 (0)113 202 5678
Facsimile: +44 (0)113 202 5655
E-mail: info@geofabrics.com
Website: www.geofabrics.com