

## Technical Datasheet

Lotrak<sup>®</sup> 160 is a mechanically bonded nonwoven geotextile, with market established technical and hydraulic properties to address everyday, industry requirements of separation and filtration. Lotrak<sup>®</sup> 160 is an effective separator beneath selected granular materials and for lining French or narrow trench drains. The main purpose of this geotextile is to prevent the loss of construction aggregates into the underlying soil.

Lotrak<sup>®</sup> 160 nonwoven geotextile meets the required recommendations as stated in the latest **“British Standard BS 8661 – Geotextiles: Guidance for specification for basic separation and filtration functions”**, providing reliable & lasting performance for these essential functions in line with geotextile specification guidelines.

| TEST                                    | STANDARD  |           | Lotrak <sup>®</sup> 160 |
|---|---|-----------|-------------------------|
| Tensile Strength (kN/m)                 | EN ISO 10319  | <b>MD</b> | 14                      |
|   |   | <b>CD</b> | 14                      |
| Elongation at max. load (%)             | EN ISO 10319  | <b>MD</b> | 41                      |
|   |   | <b>CD</b> | 55                      |
| CBR Puncture Resistance (N)             | EN ISO 12236  |           | 2595                    |
| Cone Drop Penetration (mm)              | EN ISO 13433  |           | 23                      |
| Pore size 90% finer than (microns)      | EN ISO 12956  |           | 80                      |
| Water Permeability $V_{I_{H50}}$        | EN ISO 11058  |           | 0.090                   |
| Water Flow Rate (l/m <sup>2</sup> /sec) | EN ISO 11058  |           | 90                      |
| Effect of UV Light                      | The polypropylene (PP) used contains a UV inhibitor |           |                         |
| Roll Size (m)                           |   |           | 4.5 x 100               |

### All products are manufactured under BS EN ISO 9001.

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