

## High Visibility

### Technical Datasheet

Highly visible, Lotrak<sup>®</sup> Alarm15 has specifically been developed as a contaminated ground warning or marker geomembrane.

Designed to complement the existing Lotrak<sup>®</sup> range, Don & Low have drawn on their expertise and knowledge of this market sector and provided a combination of factors that has resulted in the development of this multi-functional geosynthetic material.

With the increasing demand for good building land, reclamation of industrial zones are becoming more commonplace, potential hazards are now often buried and contained underground as an alternative to removal. Good environmental construction practice utilises Lotrak<sup>®</sup> Alarm15 to notify future contractors and excavators of these hidden hazards.

#### *Product Features*

- ▶ With good tensile strength, CBR properties and a strong visual appearance Lotrak<sup>®</sup> Alarm15 provides a high-performance underground warning system.
- ▶ Based on well-established Lotrak<sup>®</sup> Base, Lotrak<sup>®</sup> Alarm15 performs excellently as a separating geotextile in a wide range of civil engineering applications

#### *Benefits*

- ▶ Proven superior performance
- ▶ UV resistant and highly durable
- ▶ Highly visible





# Lotrak<sup>®</sup>

## ALARM 15



**Don & Low**  
MEMBER OF THRACE GROUP

| TEST   | STANDARD  |               | Alarm15 |
|--|---|---------------|---------|
| Tensile Strength (kN/m)                          | EN 10319  | <b>MD</b>     | 10      |
|  |   | <b>CD</b>     | 9       |
| Elongation at max. load (%)                      | EN 10319  | <b>MD</b>     | 22      |
|  |   | <b>CD</b>     | 15      |
| CBR Puncture Resistance (N)                      | EN ISO 12236  |               | 1500    |
| Cone Drop Penetration (mm)                       | EN 918  |               | 18      |
| Pore size 90% finer than (microns)               | EN ISO 12956  |               | 220     |
| Water Permeability (x 10 <sup>-3</sup> ) (m/sec) | EN ISO 11058  |               | 10      |
| Effect of UV Light                               | The polypropylene (PP) used contains a UV inhibitor |               |         |
| Roll Size (m)                                    |   | <b>Width</b>  | 4.5     |
|  |   | <b>Length</b> | 100     |



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

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