



## **Guidelines for the Installation of MULTITRACK & FASTRACK Geotextiles**

The following information is offered in good faith to assist end users with the installation of MULTITRACK and FASTRACK geotextiles. As installation damage is one of the key factors that will affect the integrity of the installed product then it is recommended that the following guidelines be adhered to as closely as possible.

- **Storage Advice:** The product should be stacked safely in a secure location until ready for use. The protective packing should not be removed until the product is required for use. For goods delivered with no outer packing, a layer of product should be unwound and disposed of. Should product be left uncovered during installation then temporary exposure should not exceed 7 days.
- **Sub-grade Preparation:** It is possible to lay the geotextile directly on undisturbed vegetation e.g. grasses and reeds should levels so permit. Any plant vegetation such as bushes or shrubs, as well as large rocks or other similar obstacles must first be removed. All voids, wheel ruts or other deep depressions must be either filled or leveled to provide a smooth surface.
- **Product Installation:** The geotextile should be rolled out and allowed to follow the contours of the land. It should be kept as taut as possible in an effort to minimise folds but not stretched so that it spans over any hollows. Small deposits of fill material may be required across the geotextile surface to hold it in place until fill placement commences. NO vehicle should traffic directly on the geotextile surface at any time.
- **Product Continuity:** The simplest and quickest method of ensuring product continuity is to overlap adjacent layers. Rolls placed side by side should have a minimum overlap of 300mm whilst length on length should have a minimum overlap of 600mm. Over soft or uneven soils these overlaps may require to be increased. Please contact our office for further advice. Should special circumstances identify a need for a mechanical joint then further details may be obtained from our office.
- **Cutting to Length:** Product may be cut to length using either a sharp blade or scissors

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- **Cutting to Width:** Should the geotextile width have to be reduced then the product may be cut down whilst still in a roll format. Nonwoven products may be cut with a hand or power saw whilst woven products may be cut using a circular stone cutting saw. This latter method may melt the roll end a little, making the product slightly more difficult to unwind.
- **Placement of Cover Fill:** Fill material should be end tipped at either the edge of the geotextile or on top of already placed fill before being spread to the required depth using a tracked machine. A minimum fill layer thickness over the geotextile of 150mm is recommended prior to any trafficking or compaction.
- **Fill Restrictions:** The choice of fill placed directly on the geotextiles surface can greatly affect the amount of damage caused to it during installation. A simple piece of guidance to help minimise this damage is to use a maximum stone size no greater than half the fill layer thickness e.g. if fill is being placed and compacted in 150mm layers then the max stone size should be no greater than 75mm. This minimizes the chance of any stone in direct contact with the compactor coming into contact with a stone on the geotextile. Another option is to place a 50mm thick sacrificial sand blanket on the geotextile prior to main fill placement.
- **Installation Damage:** Should the geotextile be damaged during fill placement then the surrounding fill material should be removed and a second geotextile layer placed over the damaged area. A minimum overlap of 1000mm should be provided in all directions beyond the damaged area. Fill placement should then continue as before.
- **Disposal of Waste Products:** A small quantity of waste is generated with each roll of geotextile product used. This can include packing, a plastic or cardboard roll centre and possibly product off-cuts. We would ask that you please give consideration to the environment when disposing of this material.
- If in doubt as to any of the above please contact us on 01302 220330