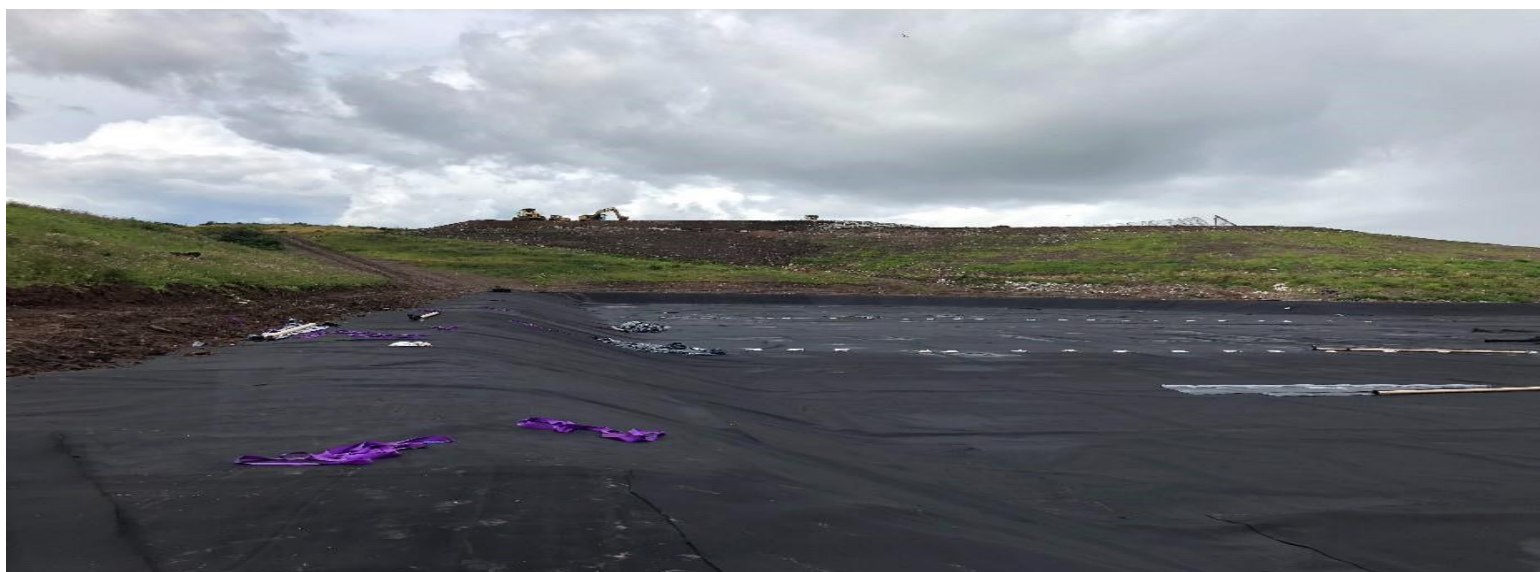


Lower Melville Wood Landfill Site Landfill Basal Protection – HPS 19



Landfill Basal Protection – GEOfabrics HPS19

Another great example of the GEOfabrics HPS19 protection geotextile being installed as part of the basal system at Lower Melville Wood landfill site.

HPS19 is a thick needle punched non-woven geotextile manufactured from 100% virgin polypropylene high tenacity fibres containing 1% active carbon black. The main functions of the HPS19 is to protect the geomembrane from puncture, ultraviolet degradation, thermal and localised stress concentrations.

The HPS19 is also installed to protect the liner from stresses, puncture and penetration from the overlying drainage media and waste; both short term dynamic loadings and long-term static loadings. A protective material must protect the geomembrane through the permanent distribution of concentrated stresses on the geomembrane

For more information on our Landfill Products please contact our Sector Manager Gavin O'Brien – Landfill Engineering (UK & Ireland) – gobrien@geofabrics.com

Project Information

Location	Lower Melville Wood Landfill, Fife
Product	HPS19 Geotextile (6m x 50m)
Contractor	CT Lining Ltd
Installation Date	August 2019

The **benefits** of using GEOfabrics HPS19:

- **Easy installation** – 6m wide rolls
- **Manufactured for performance** – high tenacity fibre
- **Isotropic properties** – Strength in all directions
- **UV Stabilised** – Active carbon black
- **100% virgin polymer Fibres** – 100 years durability

