

Case Study

Basal-cell-liner
protection & side-slope
protection/drainage

Project: Beacon Hill, Dorset
Client: SITA UK Ltd
Consultant: Egniol Ltd
Contractor: Ascot Environmental Ltd
Masterlay Ltd
Products: TERRAM™ Robust Geotextiles: RG7 (6,800m²)
RG-SD7 (17,200m²)

In February 2010 TERRAM RG7 geotextile protection and TERRAM RG-SD7 drainage geocomposite were supplied to Ascot Environmental as part of their contract with client SITA UK to construct Cell 11 at their Beacon Hill Landfill site in Dorset. Specialist installer Masterlay Limited installed the Terram NP7 on the basal area of the new cell to provide

protection for the geomembrane. TERRAM RG-SD7 was installed on the long side slopes of the new cell to provide combined liner protection and leachate drainage.

Prior to supply of the material, the TERRAM geotextile had to pass an independent Environment Agency Cylinder Test to replicate the maximum 32m waste depth at the base of the new cell.



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