

**CHELSTON MEADOW LANDFILL CAPPING  
 PHASE 1, 2 & 3**

310,000m<sup>2</sup> of Finesse Pozidrain 6S250D/NW8 were supplied by ABG Geosynthetics and installed at Chelston Meadow Landfill Site in Plymouth.

The design was carried using Pozidrain geocomposite to provide drainage, gas venting and protection layer.

Finesse Pozidrain geocomposite drainage layer is permeable on one side only to maximise the drainage input from the backfill material and gas dispersal from the sub-formation. The other side of the Pozidrain core is flat and impermeable, this ensured that drainage layer is also acting as a barrier for the surface water. High puncture resistance of the Pozidrain sheet provided an excellent protection for the geosynthetic clay liner.

Pozidrain geocomposite drainage layer was covered with 500mm of soil backfill. Standard gas outlet sets 12B with static cowls were used to disperse gases.



The 4.4 x 100 m rolls of Pozidrain ensured rapid and efficient installation on this large area, including 1 in 4 slopes. Erosamat Type 1A biodegradable erosion control mat was installed to protect slopes.



Certificate number 570

ISO9001 accredited, ABG is committed to the highest standards in achieving innovative and sustainable solutions for environmental schemes. Our recent projects demonstrate the broad base of our activities in this market.

