

Annex 2

Example of proposed methods to test acceptable permeability

1. Scrape a smooth flat surface 50mm below the surface of the layer to be tested
2. Drive a 100mm internal diameter U100 cutter and tube 15mm into the smoothed area of the geological barrier.
3. Fill the tube to a depth of 50mm with water, record the time and seal the tube to minimise evaporation.
4. After 24 hours remove the cover and measure the depth of any remaining water. The level should be recorded along with observations of ground conditions around the ring.

If there is no water remaining the liner is too permeable and additional material may be required to meet the requirements of the Landfill Directive, Annex 1.