

Bottom and cover geomembranes for landfill sites



A bottom and cover geomembrane for landfill sites always involves a geomembrane that isolates the contamination in order to protect the environment or to specifically protect against potential future contamination. The seals have to be made under an installation certificate by a certified company. Genap has held this stringent KIWA certification since 1997.

A 2mm HDPE foil is usually used for both seals. This is specified under the prevailing guidelines for the use of geomembrane structures to protect the environment and/or the Soil Protection (Dumping) Decree.

For landfill capping the geomembrane can be provided with a structure that provides stability in the sand layer on the embankment. Our Engineering Department is able to advise on a project-by-project basis which geomembrane is required for a stable embankment construction, including any additional measures such as drainage layers or geo-grids.

The required dimensions and shapes of the geomembrane construction are assembled on site from rolls that are up to 7 metres wide. In addition, we can of course also create customised outlets and connections for pipes, concrete structures and settlement markers.