



Landfill Zoechling Markgrafneusiedl Kleeblatt (AT)

Geomembrane Lining

Country	Austria
Type	Landfill, Reservoir
Client	Zoechling Group
Main Contractor	Zoechling Abfallverwertung GmbH
Execution of the work	Renesco GmbH
Construction Period	2023

Project Description

Waste landfill Zoechling Markgrafneusiedl Kleeblatt with an area of around 3'000m². Construction of a reservoir for contaminated wastewater with a leak-controllable geomembrane liner system, fully exposed to UV. The liner system is installed on a clay substrate package consisting of three separate layers.

Scope of Service

Supply & install of a double-liner system based on high-density-polyethylene geomembranes (HDPE) according to ÖNORM-S-2073.

- 1st layer of HD-PE geomembrane with a thickness of 1.5mm, surface texture smooth /smooth, a roll length of 150m and a roll-width of 5.10m
- Geocomposite, HD-PE, drainage-layer, dimple sheet with filter/ protection geotextile, with a height of 8mm
- 2nd layer of HD-PE geomembrane with a thickness of 2.5mm, surface texture smooth/ smooth, roll-width of 8.0m and 100m roll-length
- Control pipe-system with lockable capping for testing purpose
- Sensor System
- Termination Details

Notes

Renesco GmbH (AT) is a specialized and certified applicator according to ÖNORM-S-2078:2019.



1. Handling of the geomembrane jumbo rolls
2. Construction site Impression
3. Installation of the geomembrane system