

Bentoliner®

Geosynthetic Clay Liner (GCL) Range

DEPLOYMENT:

The roll of Bentoliner® is supported during its deployment so that the fabric designated as the upper surface faces out, away from the installation vehicle (refer to installation guidelines). The free end of the roll can then be secured (installers standing on edge) and the vehicle supporting the roll can slowly back away, deploying the Bentoliner® as it moves. Alternatively, the free end can be manually pulled across an area to be lined by the installation crew while the equipment simply suspends the roll.

Bentoliner® should be covered by a minimum thickness of 300mm of approved soil or gravel at the end of the construction day.

Seaming and Joining: Bentoliner® seams are constructed by overlapping adjacent panel edges and ends by 300mm - 600mm. Care should be taken to ensure that the overlap zone is not contaminated with loose soil or other debris. Bentoliner® BL100 has Supergroove® and requires no longitudinal lap treatment

ANCHORAGE:

Bentoliner GCL is typically anchored in a trench around the perimeter of the containment basin to provide the required pullout resistance. The size and shape of the trench, as well as the appropriate backfill procedures should be in accordance with the project drawings and specifications.

Bentoliner® should be placed in the trench extending down the inside wall face and along the entire trench floor, secured by the controlled placement and compaction of backfill into the trench prior to placing cover soil on the slopes.



Consult Polyfabrics Australasia or a certified Engineer for site specific installation instructions. Polyfabrics Australasia reserves the right to change its product specification at any time. It is the responsibility of the specifier and purchaser to ensure that product specifications used for design and procurement purposes are current and consistent with the products used in each instance.