To ensure the geotextile filter is not damaged, do not walk, or place heavy materials on it.

Keep wrapped until ready to use to minimise harmful effects of sunlight. Bury as soon as possible. Once installed do not leave exposed for more than 1-2 weeks.

Cutting method: Cordrain can be readily cut with most commonly available cutting blades such as a Stanley knife or N1 cutter.

Always face the geotextile filter fabric to the soil you wish to be drained.

Fix with masonry nails through a 50mm x 50mm pad of plywood or other suitable material at one metre centres. OR Fix to wall with contact adhesive covering 4 to 6 tips at one metre centres if waterproofing materials have already been applied to walls.

Join sheets horizontally by overlapping the top core layer over the lower one by 75-100mm. The top geotextile is then lapped over the lower geotextile filter fabric and taped. Vertical joints are made similarly by over-wrappping cores and filter fabrics and taping the top filter fabric down. Suggested tape PVC Duct Tape, preferably 100mm.

At top of the Cordrain excess filter fabric must either be turned over the top and back onto the core, or secured against the walls to prevent backfill from entering the core.

For retaining walls using weep holes, the core only at the base must have cutouts 50 x 13mm at 1m centres (need not align with weep holes). DO NOT CUT FILTER FABRIC. When weep holes are not used, a basal drain should be installed as a base drain by inserting under Cordrain geotextile.

Backfilling should commence by hand around the base of drain but can be completed mechanically. Care should be taken to prevent damage to Cordrain during backfilling. It is advisable to temporarily protect the Cordrain with a plywood sheet that is raised as work proceeds. Backfill with sharp stones or rock is not recommended.

Cordrain can withstand the lateral load applied by compaction equipment up to 100mm from the face.

Machinery exhausts should be pointed away from Cordrain when compacting as excessive heat can cause damage.

Should a cut occur in the geotextile then it should be taped over to ensure that no soil can enter the drain. If a large area of geotextile is torn, a patch of geotextile should be placed over the area and taped, allowing an overlap of 100mm.

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