



Installation Guideline: Woven Separation Fabric

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INSTALLATION PROCEUDRES

1) GEOSYNTHETIC PLACEMENT

Clear all trees and brush from the site. Clear the subgrade of all vegetation. Pockets of very weak or pumping soils should be excavated and replaced with granular fill. The surface of the subgrade should be smooth and level. Remove depressions or humps by grading. Place the geosynthetic reinforcement directly on the prepared subgrade. Install the rolls in the direction shown on the project plans to insure the materials' principal strength is correctly oriented. Roll the fabric out flat and tight with no folds. Adjust the roll so that the left and right limits are situated as noted in the project plans. Overlap adjacent rolls as indicated in the specification, plans, or per manufacturer recommendations. Contact the site engineer and/or the manufacturer for specific guidelines. In lieu of specific overlap instruction, please use 12" – 18" as a minimum. To avoid shifting or movement during the placement of the fill, secure the geotextile in place by utilizing pins, staples, piles of soil, granular cover material or other suitable means.

2) FILL PLACEMENT

Loosely place fill directly on the geosynthetic in 8" - 12" lifts. For very weak subgrades, 18" or thicker lifts may be required. Consult with the project engineer for correct lift thickness. Rubber tired vehicles and trucks are allowed on the uncovered geotextile at speeds less than 10 mph. However, sharp turning and sudden braking are not permitted. If damage does occur, refer to manufacturer's repair instructions or consult the project engineer. Once the project engineer has determined a stable working platform has been obtained, compact fill to 95% of standard proctor density at moisture content within 3 % of optimum.

3) REPAIR

In lieu of specific project guidelines, overlap damaged geotextile by a minimum of 36" in all directions with replacement geotextile.

4) STORAGE

Geotextile rolls will arrive wrapped in a UV protective cover. Additionally, the installer should insure they are adequately protected from moisture. If stored outdoors in extreme weather, the geotextile should be elevated from the ground surface and covered with a tarpaulin or opaque plastic.