

Sediment Control

SiltGuard™ Polypropylene Geogrid Reinforced Silt Fence is constructed with a 24" tall High Tensile Strength Polypropylene Geogrid Mesh, covered with a 36" woven slit tape polypropylene silt fence fabric. The silt fence fabric is attached to the geogrid reinforcement with galvanized c-rings. The rigid and high tensile strength geogrid mesh reinforcement supports the silt fence fabric in an upright position even under extreme storm events. The geotextile silt fence apron tag extends into the anchoring trench, providing anchoring and eliminating undercutting from extreme stormwater forces. SiltGuard may be reinforced with either wooden or metal t-post stakes, placed on 8 ft. centers.



Installation

- STEP 1** Excavate a trench a minimum of 8"x 8" on the outside of the silt fence line.
- STEP 2** Install T-Posts or Wood Stakes in the inside of the silt fence line as per project specifications. It is recommended to install the posts to a depth of at least 18 inches. Typical post staking is 8 ft unless otherwise noted on the plans.
- STEP 3** Roll out prefabricated silt fence placing reinforcement against the support posts. Place the geotextile flap in the trench and attach the reinforcement to the posts using wire, zip ties, or other fastening device.
- STEP 4** Backfill the trench burying the bottom section of the silt fence. The exposed height should be at least 24 inches. Compact the backfill to ensure good anchorage of the silt fence.
- STEP 5** Place safety caps on T-Posts if required.

Note: If these installation guidelines vary from project specifications, project specifications should govern. Regular maintenance should be performed in accordance with the project's SWPPP.



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