

Installation Guide

The GeoFence 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. GeoFence may be reinforced with either wooden or metal t-post stakes, placed on 8 ft. centers.



STEP 1

Prepare the trench

Dig a 6"x6" anchor trench along the designated area and orient the GeoFence, so that the "fabric side" faces the direction where the silts and sediments are intended to be controlled by the fence.

STEP 2

Drive the posts

Drive wooden or metal posts into the trench at equal spacing in accordance to increments specified in the plans or by the owner. Typical spacing between posts is approximately 6 feet apart. The posts should be driven deep enough, so that the top of the posts are flush with the top of the GeoFence.

STEP 3

Install the GeoFence

Lay the GeoFence into the trench and along the posts. The posts should be touching the "geogrid side" of the GeoFence. Adhere the GeoFence to the posts via fasteners (i.e. tie wire, zip ties, etc), while stretching the fence so that it is taut between posts.

STEP 4

Fill the trench

Backfill the trench while pulling the fabric taut, burying the bottom 6" of the GeoFence. The excess fabric flap at the bottom of the GeoFence can be laid out and buried within the trench to provide additional support.

