

MAKING SILT FENCE WORK

Normally, grass, shrubs, and trees prevent erosion by wind and water, but most construction projects remove that protective boundary.



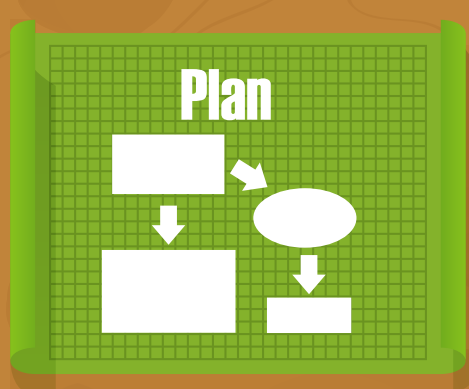
When it rains, unprotected soil can loosen and run off into storm drains, streams, rivers, or ponds.

Sediment-laden runoff water negatively impacts water quality and wildlife habitat.



Silt fence slows runoff to allow silt to drop out of suspension.

Installed properly, silt fence is an effective sediment control device, but problems can be caused by...



Poor planning

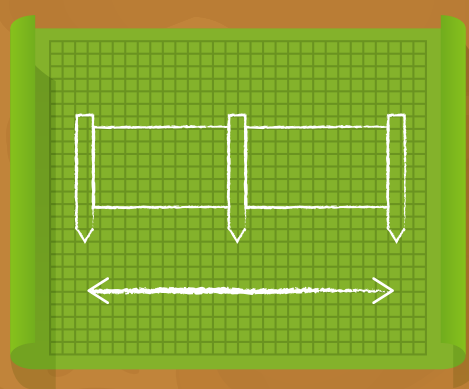


Improper Installation



Lack of maintenance

WHEN INSTALLING SILT FENCE, DO THIS



Plan silt fence installation to follow natural jobsite contours.



Plan several small silt fence and sediment traps, not just a single perimeter fence.



Install silt fence in a trench about 30 cm deep, then backfill and compact it.



In certain soil types, silt fence slicers eliminate the need for trenching and backfilling.

1.8m



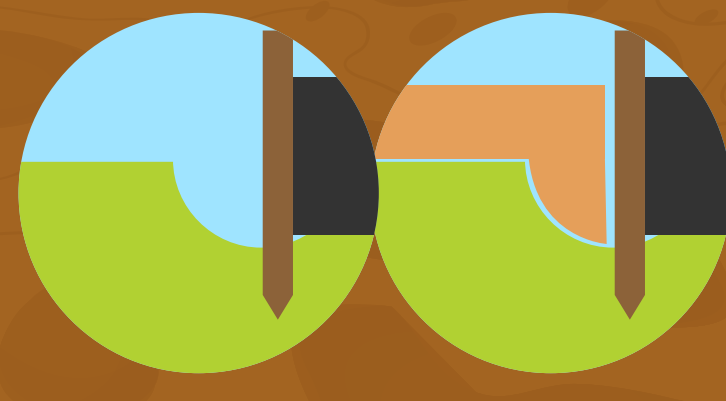
Pound pickets an additional 30 cm deeper than the trench, no more than 1.8 m apart.

THESE THINGS CAN RENDER SILT FENCE INEFFECTIVE



DON'T IGNORE YOUR SILT FENCE.

Repair or replace geotextile or pickets if they are damaged by machinery, exposure, or high winds.

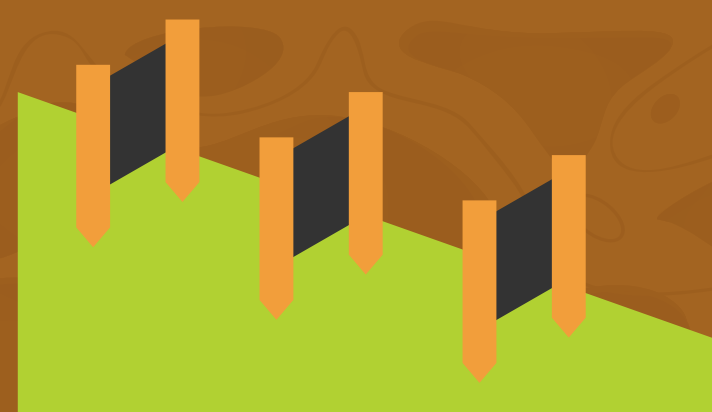


DON'T LET THE SEDIMENT TRAP FILL UP.

Clean out trapped sediments before they reach 50 cm depth.



After sediment basins, traps, and other erosion control measures, silt fence is the last line of defense.



DON'T COUNT ON ONE BARRIER.

On long hills, gravity significantly speeds up runoff, and a single silt fence can't possibly trap all of it. Several smaller sediment traps will be more effective.

DON'T WALK AWAY AT THE END OF THE JOB.

Once construction is complete and permanent sediment control measures are in place, remove all silt fence, pickets, and trapped sediment to prevent environmental contamination.



EFFECTIVE PROTECTION

When arranging your construction site protection measures, consult Geosynthetic Systems for planning and supply tips.

