



siltstop®

SILTSTOP SOCKS

SILTSTOP® sediment control tubes are the latest geo-engineering technologies available to the mining, earthworks, and construction industries. They have a variety of uses including:

- Retention and filtration of sediment
- Track and pavement support
- On-demand supply of flocculant for sediment removal
- Flocculation Tubes to filter water
- Growth medium for vegetation
- Stabilisation of erosion scarps & slips
- Control and direction of overland flow (storm water, stream diversion, clean water by-pass)

Evergreen Landcare can supply the complete range of erosion and sediment control tubes that can be filled with a range of products but the most common are listed below:

- Bark filled tubes
- Wood chip filled tubes
- Post peel filled tubes
- Straw filled tubes
- Compost filled tubes

Siltstop tubes can be manufactured at our factory for delivery anywhere in New Zealand or with blower technology we can fill on-site to any length up to 100m at distances up to 90m from road access.

Siltstop are typically constructed in two sizes to suit application requirements including 300mm and 150mm diameter filled. Other sizes can be made to suit specific requirements.



Siltstop Control Tubes



ECT silt fence



Siltstop Control Tubes



Siltstop Control Tubes close



SILTSTOP WALLS

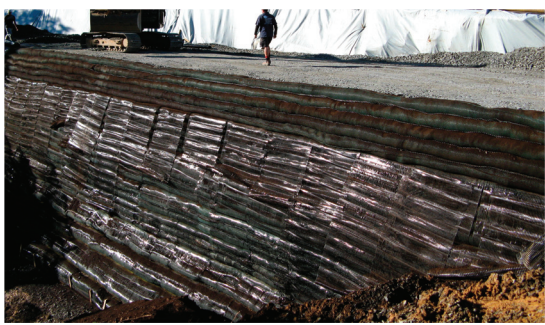
SILTSTOP® living retaining walls are the latest geo-engineering technologies available to the mining, earthworks, and construction industries. They have a variety of uses including:

- Retention and filtration of sediment
- Cost-effective engineered walls
- Growth medium for vegetation
- Track and pavement support
- Stabilisation of erosion scarps and slips
- Stream bank repair and armouring

SILTSTOP LIVING RETAINING WALLS filled with nutrient-enriched compost can be used as a growing medium for unstable slopes, road, track cuttings, and stream margins to create a long-term aesthetic bioengineered solution. Seed can be added to the filling mix during manufacture.

SILTSTOP can be filled on site, in-place, using a variety of products - either imported or sourced from site. Filling of Siltstop can be undertaken using auger/blower technology for bark, wood chip, compost, and any other available site construction material (e.g. fill).

SILTSTOP load-bearing capacity can be strengthened using 3mm 1.5 tonne break load Dyneema cord to secure to anchor points. This provides load-bearing support, secure anchoring in high-flow conditions, and can be used by engineers to design load-bearing walls. The lock-stitch knit design ensures that ladder after puncture of the fabric is minimal which prevents elongation failure of the Siltstop.



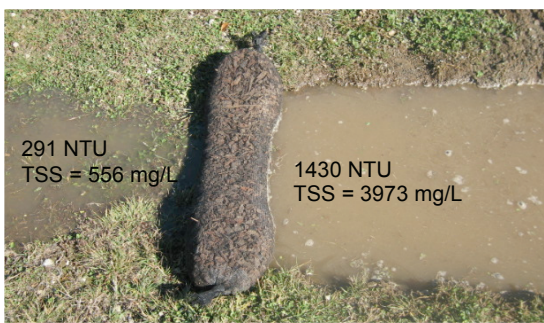
The following figures demonstrate some of the wider applications of Siltstop technology:



300mm Siltstop used for road support (State Highway 26, New Zealand).



300mm Siltstop used to control overland flow velocity thereby removing sediment and other debris by sedimentation and filtration



150mm Siltstop used to remove coarse sediment and filter the finer sediment fraction



300mm Siltstop used as cost-effective silt fencing for construction projects (Manukau, NZ)

BLOWER TECHNOLOGY AND INSTALLATION

Evergreen in conjunction with our alliance partners can provide blower technology to install 150mm and 300mm Siltstop on site at distances up to 90metres from road access.

EROSION CONTROL SERVICES

Evergreen can provide a complete range of erosion control services from the development of management plans to on-site installation of erosion and sediment control systems. When speciality equipment is required we source this gear from our strategic alliance partners.

COST

Siltstop are cost competitive compared to standard silt fence systems that require considerable effort to construct. Siltstop can be reused. Siltstop are rapid to place and installation costs are dependant on the length of Siltstop needed and whether filling on-site is required.