Sustainable Soil Erosion Control Solutions



Geo Textiles
Coir Yarn & Coir Twine

Logs | Pillows | Blocks
Coir Logs, Coir Pillows & Interlocking Blocks

Hayleys Fibre
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Geo logs


Geo logs with plant holes


Interlocking Coir Blocks


Geo Pillows

Coir Logs, Pillows & Interlocking Blocks

Coir logs are installed where the banks of ponds, streams, lakes and rivers are unstable, or affected by contaminated shore waters to protect the banks from further erosion. Logs are installed from the bottom of the waterway to the edge of the bank and are secured with wooden stakes. Can prevent the impact of waves on the river bank by placing the coir logs along the edge.

Coir logs are made with a netting made out of machine spun coir yarn or synthetic netting with inner filled with coir mattress fibre. Customized logs can be made with “vegetation holes”. Shape can be either cylindrical or square.

Coir pillows or slabs are also made similar to coir logs. Customized sizes can be accommodated. These are specially used for floating gardens and roof greening applications.

Coir block can be used in many erosion control applications often eliminating complex and expensive construction techniques. Its three dimensional structure provides a H shape of 'cells' on the slope which provides interlocking arrangement. Inside the coir block, can be filled with growing media suitable for the vegetation to be established. This construction greatly improves or erosion run-off on steep or unstable slopes, this will enhance the stamina to sustain erosion from water / hydraulic or mechanical stresses.

Application

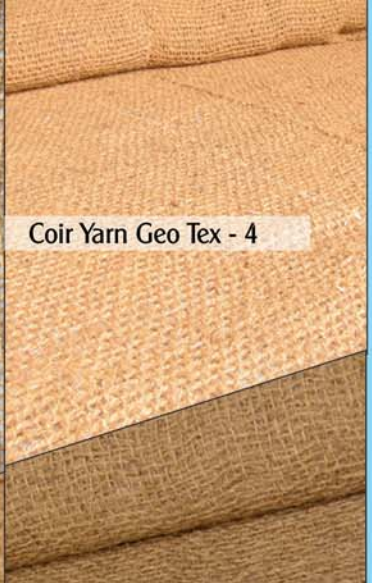
Erosion control
River bank Protection
Re-vegetation
Capping landfills

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Geo Textile

Coir Yarn | Coir Twine


Coir Twine Geo Tex - 4


Coir Yarn Geo Tex - 4


Coir Twine Geo Tex - 7


Coir Yarn Geo Tex - 7


Coir Twine Geo Tex - 9


Coir Yarn Geo Tex - 9

Coir Yarn Geo-Textile is a natural hand woven product and is used for more short term erosion control problems.The geo-textile can be woven into varying mesh sizes and used in surface erosion control on construction sites when made into silt fencing.

Coir Twine Geo-Textile is machine spun.This is applied to long term erosion control problems and lasts between 5 to 6 years, by which time the required vegetation is well established. Its high tensile strength enables it to handle more physically demanding conditions such as steep slopes and fast flowing streams.

Applications

- Drainage Systems
- Filtration Applications
- Erosion Control
- Re-Vegetation
- Capping Landfills
- Sound Barriers
- Roof Greenings
- Wall Gardening
- Silt Fencing

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