

CoirLog™

Biodegradable Silt Berm

Description

The **CoirLog™** is a roll of organic coir fibre enclosed in a robust coir mesh.

CoirLogs provide erosion and wave control structures in riparian zones and sediment capture in drainage lines and swales. **CoirLogs** provide protection while vegetation establishes and takes over the long-term stabilisation.

The **CoirLog™** is an environmentally friendly alternative to hay bales. Hay bales tend to break up easily, have a short life span, are difficult to handle and are often contaminated with weed seed.

Applications

For sediment entrapment, wave and wind protection of:

- Riverbanks and toe protection.
- Coastal wave erosion.
- Wetland erosion.
- Swale drains.
- Steep batters and sand dunes.
- Straw bale alternative.
- Rip rap alternative.
- Building sites.



Product Tip

CoirLogs sit flat on surfaces thus reducing turbulence in front of the log.



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Biodegradable silt berm

Benefits

Silt Retention

CoirLogs can be placed in swail drains, around grates, on steep slopes to collect silt and used to slow water velocity, reducing erosion.

Riverbank Protection

CoirLogs can be used in river channels, streams and creeks to help stabilise bank toes and provide structure to benching techniques. **CoirLogs** can be stacked one on top of another to form a wall structure while vegetation establishes for long-term stabilisation.

Stabilise Steep Batters

CoirLogs placed across a steep batter will greatly slow the water velocity and reduce sediment movement down the slope.

Biodegradable Coir

CoirLogs are made from 100% biodegradable and organic materials. Coir is the fibre obtained from the husks of coconuts.

Cost-effective

Where appropriate, the **CoirLogs** is an inexpensive alternative to the use of rock armouring.



Specifications

Name	CoirLog™
Material	Coir fibres and twine mesh.
Life Expectancy	Up to 3 years (depending on environmental conditions).

Log Length	Dimensions	Weight per log	Life Expectancy
1.5 m	Round 300 mm x 300 mm	15 kgs	24 months
3.0 m	Round 300 mm x 300 mm	30 kgs	24 months
1.5 m	Round 200 mm x 200 mm	12 kgs	18 months
3.0 m	Round 200 mm x 200 mm	25 kgs	18 months

Securing CoirLogs

- Steel Hoop Pins 3-4 steel pins per linear metre.
- Hardwood Stake 3-5 hardwood stakes per 3 metre length.