



CoirLog™

Biodegradable silt berm

Description

Treemax CoirLog™ is a roll of coir, organic coconut 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.

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 usually contaminated with weed seed.



Applications

For sediment entrapment, wave and wind protection of:

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



Specifier's tip

- Square CoirLogs™ can be ordered. These sit flat on surfaces thus reducing turbulence in front of the log.



Benefits

SILT RETENTION

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

RIVER BANK PROTECTION

CoirLog™ 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 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, CoirLog™ is an inexpensive alternative to the use of rock armouring.



Specifications

Name	Treemax CoirLog™	
Material	Coir fibres & twine mesh	
Life expectancy	Up to 3 years	
Dimensions	Length	Diameter
	3.0m	300mm
	3.0m	200mm
	1.5m	300mm
	1.5m	200mm

Other dimensions can be made to order.

SECURING COIRLOG™

Steel Hoop Pins 3–4 steel pins per linear metre

Hardwood Stakes 3–5 hardwood stakes per linear metre

For other securing options, ask Treemax staff.

Life expectancy will vary depending on environmental conditions.



Field tip

➤ Placing CoirLog™ into a shallow trench will prevent under scouring.



Heavy-duty coir mesh wrap