



CoirPallet and Sods

CoirPallets are biodegradable, coconut fibre mattress substrates that work in harmony with nature, to protect and support banks, and shorelines, while promoting restoration of wetland environments.

Erosion Control

The dense coir fibre CoirPallet pads shield the ground from weather and water erosion, and the fine fibre matrix of both substrates also filter out silts and promote sedimentation. Consequently general water quality is improved through the ability to control erosion and counteract non-point source pollution.

CoirSods are an innovative, green erosion control system, which will help when the stability of engineering with gabions is combined with the benefits of immediate vegetation to provide rapid environmental and ecological regeneration.

Vegetation Restoration

CoirPallets provide an ideal, stable growth substrate for marginal plants - encouraging rapid establishment of plant colonies and healthy root systems. They are therefore particularly beneficial on projects where no suitable soil medium exists (e.g. steel/timber pile, or gabion, faces and floating islands). Native plants can be selected for their suitability to physical conditions, the feed and cover offered to aquatic species and wildlife, or aesthetic reasons. As roots mature to create an effective binding matrix the coir fibre progressively degrades, leaving a vegetation framework for a full wetland community.

With CoirSods, they can be used as a healthy stand of vigorous vegetative cover along the top front edge or upper face of a hard structure at the water line to create an attractive soft engineering finish to hard engineering solutions.

Features/Benefits:

- Fully biodegradable
- Environmentally friendly
- Made from coir fibres
- Protects and supports banks & shorelines
- Promotes restoration of wetland environments
- Protects banks from water scour
- Free from contaminants and satisfies environmental considerations
- Low detrimental impact on the environment
- Rapid return of bio-diversity
- Aesthetically pleasing finish

Application Categories: Water Margin Protection



Agrotexiles



Biodegradables



Geotextiles



Specialist



Wildlife



Living Walls &
Roofs



Accessories

Special Features

CoirPallets and Sodds can also be supplied attached to a buoyant framework to create vegetated floating islands for land predator free nesting habitats.

Sustainability

Coir Pallet and Sodds substrates are made using virgin coir fibre which is a by-product of the coconut industry so is free of contaminants and satisfies important environmental considerations.



CoirPallet



CoirSods

Feature	CoirPallet	CoirSods
Weight:	(wet) 25kg (dry) 12kg approx.	Minimum (wet) 10kg/m (dry) 5kg/m approx.
Density:	Approx. 8 kg/m ² at 100mm thick	5kg /m ² approx.
Material:	Semi-compacted coir fibre encased in 50mm knotted coir or polypropylene netting	Woven polyethylene with 50mm x 50mm mesh size
Size:	Thickness: Approx. 100mm Length: 1.00 to 2.00m(1.00m standard) Width: 1.00m	1m long x 300mm high x 100mm thick

Application Categories: Water Margin Protection

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