EcoLog®
Erosion control

EcoLog® are coir logs made from 100% natural coconut fibre compacted into an outer mesh of bristle coir twine. They incorporate biological, ecological and engineering aspects of erosion control into their design, producing a structure, that when vegetated controls shoreline and streambank erosion.

EcoLog® stabilises the bank and permit the establishment of vegetation. The coir fibre accumulates sediment and biodegrades as plant roots develop and can become the stabilising element.

EcoLog® are fully biodegradable within 5-10 years, decomposing into a natural medium that promotes plant growth. As this happens a well established root system develops that will blend into aquatic environments and successfully hold banks and shorelines in place which help prevent further erosion by diminishing the force of waves and stream flow. This is why vegetating is recommended. Once wetland plants are established, EcoLog® also provide a natural habitat for wildlife.

IDEAL USAGE

- Water diversion
- Sediment Filtration
- Spill Containment
- Stream Bank Stabilisation
- Flood Control
- Coastal Erosion
- Erosion Control
- Slope Contouring

SPECIFICATIONS

Size	Outer Net Size	Weight
200mm (diameter) x 3m	50mm x 50mm	14kg
300mm (diameter) x 3m	50mm x 50mm	21kg
200mm (diameter) x 1.5m	50mm x 50mm	7kg

INSTALLATION GUIDELINES

Embankment Stabilisation:

1. Prepare the embankment.
2. EcoLog® should be installed one above the other at an incline of approximately 45° and the earth well compacted behind each level.
3. It is recommended that stakes be placed at 1m intervals or closer if required.
4. When in place EcoLog® must be planted with vegetation which, over time, will form the foundation for the new, rejuvenated riverbank.

Consult Polyfabrics Australasia or a certified Engineer for site specific installation instructions. Polyfabrics Australasia reserves the right to change its product specification at any time. It is the responsibility of the specifier and purchaser to ensure that product specifications used for design and procurement purposes are current and consistent with the products used in each instance.