

Coir Rolls

Erosion Control & Vegetation Establishment



Coir Rolls are a sustainable and cost effective solution for establishing vegetation in wetland habitats. They can be installed at a fraction of the cost of hard engineering solutions and provide added benefit of improving biodiversity and wildlife habitats through aesthetic marginal planting.

Coir logs provide erosion control by dissipating wave action and providing a platform for vegetation to establish. Pre-planted and unplanted options are available and bespoke mixes can be contract grown for any order with the appropriate lead in times (12-16 weeks in the growing season). Pre-planted coir logs will provide higher tolerance to fluctuating water levels, flow and wave action and wildfowl grazing as well as providing instant vegetation cover for wildlife.

Product Specification

1. 300mm diameter x 3.3m or 2.2m long
2. Synthetic 2mm yarn and natural 5mm coir yarn available
3. 50mm mesh size
4. Suitable water depth 0.1 to 0.5m or up to 1m when raised on faggots or rock rolls
5. Withstands water velocity 3m/s
6. Withstands wave action 0.3m
7. Dry weight 9kg per linear metre
8. Wet weight 20.6kg per linear metre (unplanted)
9. Degredation period of 5 years

Pre-planted suggested mix (18 plants per 3.3m roll)

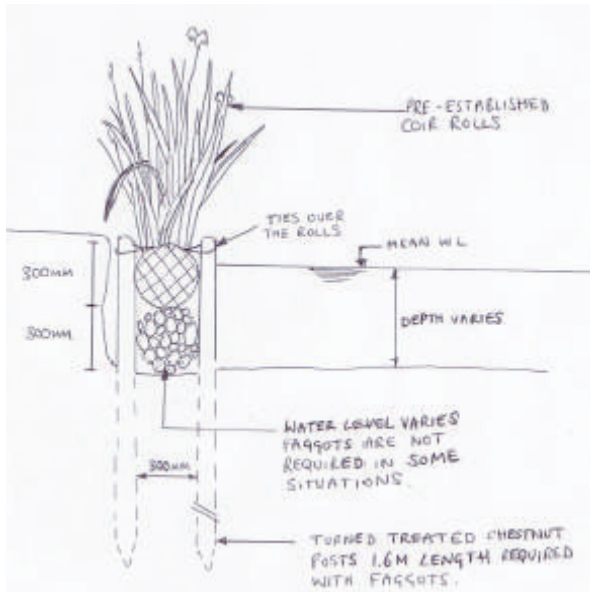
- Phalaris arundinacea
- Carex acutiformis
- Iris pseudoacorus
- Lythrum salicaria
- Juncus effusus



BritishFlora

Planting the Seeds for a Greener Tomorrow

Installation and Applications



Installation

Secured with Chestnut stakes approx 1.2m long x 65mm diameter.

Fibre rolls fastened end to end with nylon or coir yarn

Water deeper than 0.5m will use hazel faggots (2m long x 400m diameter)

Optional backfill - lined with woven geotextile, backfilled with silt and planted

Applications

- Vegetation establishment in steep banked waterbodies
- Marginal vegetation establishment in artificially lined Lakes, Canals and Ponds
- Canal and River re-alignment
- River and Lake Erosion Control



- Lake re-alignment
- Removal of hard engineering solutions