



PRE-ESTABLISHED COIR PALLETS

Product Specification

Salix produce pre-established high quality Coir Pallets with mature aquatic vegetation for numerous applications.

Coir Pallets can be an excellent technique for establishing native marginal vegetation around lake edges, streams and riverbanks.

Coir Pallets are an organic living revetment and provide erosion control and rapid vegetation establishment.

www.salixrw.com

Salix



Coir pallet specification

For erosion protection and habitat creation



Net Specification

Net material: Machine Woven Coir Yarn
Net Yarn Thickness: 5-8mm machine woven
Net Opening: 50mm
Net Aperture: 20mm square net
Tensile Strength MD to be no less than 14.08kN/m²
Tensile Strength CMD to be no less than 9.99kN/m²

Stuffing

Virgin coir mattress fibre:
Dust removed at manufacture

Not less than 50mm length, typically 100mm to 150mm

Optimum depth of evenly distributed stuffing:
40-50mm with approximately 2.5kg of coir fibre per m² dry weight

Fibre Specification

Machine filled to maintain constant density of coir fibre.
Virgin fibres are extra-long and triple cleaned

"A grade mix of coir fibre from organically grown coconuts.
Fibres >50mm length; 58% of fibres are longer than 100mm

Size & Weight

2m x 1m x 40-50mm depth
- Unplanted weight ~ 7kg (+/- 15%)
- Pre-established weight ~ 20kg (+/- 15%)
- Density ~ 900g/m²

2m x 0.5m x 40-50mm depth
- Unplanted weight ~ 5kg (+/- 15%)
- Pre-established ~ 12kg (+/- 15%)

7.4kg (+ - 10%) per unit

Plant Density – 16-20 plants per m²

Biological Breakdown

Time for coir rolls to full be broken down can be 2-4 years
dependent on environmental conditions

Performance:

- Grown in outdoor wetbeds suitable for UK climate
- Grown for a minimum of 6 months
- Roots clearly visible out of bottom of coir





Standard Plant Mix

Typically contains a mixture of plant species from the list below and will vary depending on availability



- *Alisma plantago-aquatica* (Water Plantain)
- *Apium nodiflorum* (Fools Watercress)
- *Caltha palustris* (Marsh Marigold)
- *Carex acutiformis* (Lesser Pond Sedge)
- *Carex flacca* (Blue Sedge)
- *Carex pseudocyperus* (Cyperus Sedge)
- *Eupatorium cannabinum* (Hemp Agrimony)
- *Filipendula ulmaria* (Meadowsweet)
- *Glyceria maxima* (Sweet Reed Grass)
- *Iris pseudacorus* (Yellow Flag Iris)
- *Juncus effusus* (Soft Rush)
- *Juncus inflexus* (Hard Rush)
- *Lycopus europaeus* (Gypsywort)
- *Lysimachia vulgaris* (Yellow Loosestrife)
- *Lythrum salicaria* (Purple Loosestrife)
- *Mentha aquatica* (Water Mint)
- *Myosotis scorpioides* (Water Forget Me Not)
- *Nasturtium aquaticum* (Watercress)
- *Phalaris arundinacea* (Reed Canary Grass)
- *Ranunculus flammula* (Lesser Spearwort)
- *Rumex hydrolapathum* (Water Dock)
- *Schoenoplectus lacustris* (Common Club Rush)
- *Scrophularia auriculata* (Water Figwort)
- *Stachys palustris* (Marsh Woundwort)
- *Valeriana officinalis* (Common Valerian)
- *Veronica anagalis* (Water Speedwell)
- *Veronica beccabunga* (Brooklime)

Monocultures

- *Alisma plantago-aquatica* (Water Plantain)
- *Caltha palustris* (Marsh Marigold)
- *Carex acutiformis* (Lesser Pond Sedge)
- *Glyceria maxima* (Sweet Reed Grass)
- *Iris pseudacorus* (Yellow Flag Iris)
- *Lythrum salicaria* (Purple Loosestrife)
- *Mentha aquatica* (Water Mint)
- *Myosotis scorpioides* (Water Forget Me Not)
- *Phalaris arundinacea* (Reed Canary Grass)
- *Phragmites australis* (Common Reed)
- *Ranunculus flammula* (Lesser Spearwort)
- *Schoenoplectus lacustris* (Common Club Rush)

Floating Wetland & Water Vole Mix

- *Carex acutiformis* (Lesser Pond Sedge)
- *Carex pseudocyperus* (Cyperus Sedge)
- *Glyceria maxima* (Sweet Reed Grass)
- *Iris pseudacorus* (Yellow Flag Iris)
- *Lythrum salicaria* (Purple Loosestrife)
- *Mentha aquatica* (Water Mint)
- *Phalaris arundinacea* (Reed Canary Grass)
- *Schoenoplectus lacustris* (Common Club Rush)

Newt Mix

- *Apium nodiflorum* (Fools Watercress)
- *Lythrum salicaria* (Purple Loosestrife)
- *Potamogeton natans* (Broad Leaved Pond Weed)
- *Mentha aquatica* (Water Mint)
- *Myosotis scorpioides* (Water Forget Me Not)
- *Veronica Beccabunga* (Brooklime)

