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## Product Specification Sheet

# AGA Vegetated Coir Fibre Pallets

## Sensitive Bio-engineering for Long Term Erosion Control

Coir Pallets offer an excellent natural solution to establish marginal aquatic vegetation by lakes, ponds, wetlands, rivers and stream banks.

### AGA Pre-planted established Coir Pallets

#### Typical applications

Coir pallets quickly establish aquatic plants and increase biodiversity of sites by providing habitat for a number of ecologically key species. Where water bodies have been created by using artificial methods with synthetic membranes and liners coir pallets can often be the only way to establish aquatic plants into the water body.

#### Product materials

Fill. 100% virgin mattress coir fibre. Origin Sri Lanka. Dust content removed at manufacture.

Each fibre to be no less than 50mm long, and be typically 100 to 150mm long,

Net. Coir pallet netting to be manufactured from a 3mm coir twine yarn in a square mesh pattern, with a nominal mesh opening of 25mm. Coir twine yarn breaking strength 8kg.

Mesh breaking strength 23-25kg per m<sup>2</sup>.

#### Product construction

**1m x 1m (1m<sup>2</sup>)**

3 kg/m<sup>2</sup> Dry weight

**2m x 1m (2m<sup>2</sup>)**

6 kg/m<sup>2</sup> Dry weight

Coir fibre shall have a compressed density of 0.4kgm<sup>2</sup> of pallet. Other sizes available on request

#### Planting

Coir pallets will have been planted at the nursery using 195cc 'root trainers' or mature bare root plants (M.B.R.).

The plants will be provided at a rate of 18/m<sup>2</sup> and will be firmly rooted into the coir material.

Coir Pallets are available from stock in a variety of planting variations; generally the pallets are planted in monocultures of

Norfolk reed (*Phragmites australis*). Greater and Lesser pond sedge (*Carex riparia* & *acutiformis*).

Iris (*Iris pseudacorus*) Reed Canary grass (*Phalaris arundinacea*) Soft rush (*Juncus effusus*) Reed sweet grass (*Glyceria maxima*).

Coir pallets can also be grown to order with the clients own specifications.

All stock Pallets are planted with native species grown in our Merton nursery and are **guaranteed** to be of Norfolk provenance.

Pallets grown to order from clients harvested or donor plants / seed will be grown in an isolated environment in poly tunnels.

Unless grown for contract, all pallets shall be established for a **minium of one growing season** (March to October) under controlled conditions in multi spans.



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