



Unleashing Nature's Potential

# Technical Data Sheet

<i>Product code and Product</i>	
<b>PRODUCT NAME</b>	<b>EASYGROW COIR PILLOWS®</b>
<b>PRODCT CODE</b>	<b>COIR6005040I</b>

## *Product*

Easy Grow Coir pallet planters (also known as coir pillows) are a suitable alternative to hard revetments. They provide an apt method of introducing marginal habitats to artificially lined lakes, rivers and canals.

## *Product Advantages*

Coir is an ideal geotextile membrane for erosion control and vegetation establishment, made using coconut fibre, and is completely sustainable. Coir is used with an average fibre length of 13 – 150mm. The high lignin content of coir gives it a ‘woody’ characteristic, which enables fibre to cope with high-energy water flows, and maintain a long degradation period of approximately 3 – 5 years.

Coir pallets (coir pillows) can be vegetated with any mix of native wetland plants, producing islands of established vegetation. Given enough lead-time, local provenance plants/seeds can be contract grown into the pallet planters. Each species mix should reflect the erosion control needs of the site as well as the local ecological requirements.

## *Product Application*

**High Durability** Coir is a strong cellulose fibre, obtained from coconut husks, that has a high lignin content - resulting in excellent naturally resistant to rot, molds and moisture. Field trials, combined with laboratory testing (See opposite), have shown that woven coir is an extremely durable material, and maintains its structural integrity for many years. *Easygrow Coir Pillows* are therefore recommended on sites where conditions will accelerate decomposition, such as uplands or waterways, or where vegetation may be slow to establish, such as shady sites.

## *Product Usage*

- Stream/riverbank protection
- Storm water channels
- Protection from wind erosion and Wetland environments
- Mulching, antiweed, vegetative water channels
- Providing a natural solution to scour protection whilst allowing marginal plants to develop for protection.
- Landscaping



### *Storage and Disposal*

- Conditions for safe storage, including any incompatibilities
- Technical measures: Comply with applicable regulations.
- Storage conditions: Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.
- Incompatible materials: Strong acids, strong bases, strong oxidizers.

### *Disclaimer*

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