

Data Sheet / Specification

Coir Rolls

Coir rolls are an excellent technique for establishing marginal vegetation on canals, river banks & lake edges. Natural coir fibres are an ideal solution for erosion control and establishment of vegetation and are from a completely sustainable source. The high density of the rolls are important and means the fibre can cope with high-energy water flows and has a long degradation period of up to approximately 5 years.



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Pre-planted Coir Rolls

Product Code	Description
TES/ CR / UP15	Un-Planted Coir Roll 150mmØ x 2.2M Long
TES / CR / UP20	Un-Planted Coir Roll 200mmØ x 2.2M Long
TES / CR / UP30	Un-Planted Coir Roll 300mmØ x 2.2M Long
TES / CR / UP40	Un-Planted Coir Roll 400mmØ x 2.2M Long

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Nets:

Synthetic: 2mm high strength polyethylene yarn, diamond mesh size 50mm

Natural: 5mm high strength coir yarn, diamond mesh size 50mm

Applications:

Water Depth: 0.1m to 0.5m, or up to 1 metre if raised on rock rolls / faggots.

Permissible Velocity: 3m/s when used with rock rolls / rip-rap.

Wave Action: up to .3m

Technical Data: (300mm Ø x 2.2 metre roll)

Dry weight between 7-9 kgs per lin.metre

Compressed to density of 110-120 kgs/m²

Wet weight after 1 hour removed from water approx 20 kgs / lin.metre

Wet weight after 4 hours removed from water approx 16kgs / lin.metre

Pre-Planted Options:

Standard Species: Iris pseudacorus, Carex acutiformis, Phalaris arundinacea and Juncus effuses.

Specials: Carex Pendula, Lythrum Salicaria, Phragmites australis, Glyceria maxima.

Fixing:

Coir Rolls are generally installed using timber stakes, 1.2m, 1.8m, 2.4m x 100mmØ (FSC) treated & pointed, softwood or chestnut can be used, pending on application. Coir Rolls are secured to the posts via nylon/ coir yarn or mild steel tying wire.