

LANDSCAPING

Fibre Rootzone Landscape - naturally hardwearing



Fibre Rootzone Landscape is a natural turf growing in a fibre-reinforced rootzone for use in landscape, sports and amenity applications.

Offering all the beauty and benefits of natural turf but with added durability, strength and superior drainage characteristics; Fibre Rootzone offers a natural, hardwearing, low maintenance surface suitable for the demands of sports users and amenity/landscape specifiers.

Fibre Rootzone is recommended as a green alternative to hard surface landscaping for areas such as:

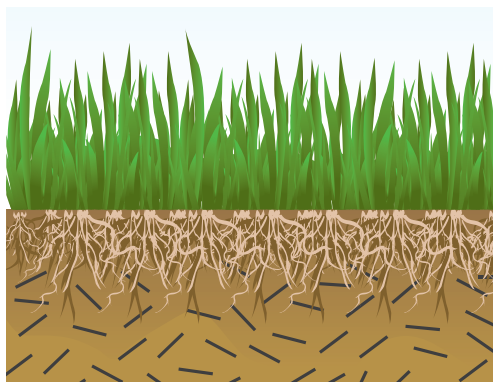
- Car parks and overflow parking areas.
- Access roads and drives.
- Landscaped areas and heavy use amenity areas.
- Sports surfaces and airfields.
- Pedestrian walkways.
- Recreational areas.

FREE Technical
information and
advice available
on request.

Supplied loose and in bulk bags, Fibre Rootzone should be laid as the top 75-200mm, dependent on end use, thus producing a fibre reinforced or stabilised upper rootzone. The natural turf finish is then produced by either seeding directly in to the Fibre Rootzone or laying turf.

Fibre Rootzone comprises of a blend of Silica Sand, organic matter and 35mm long polypropylene fibres which produce a homogeneous rootzone.

Silica Sand ensures that water is able to drain away to prevent water logging. A range of graded Silica Sands are available to meet a variety of applications.



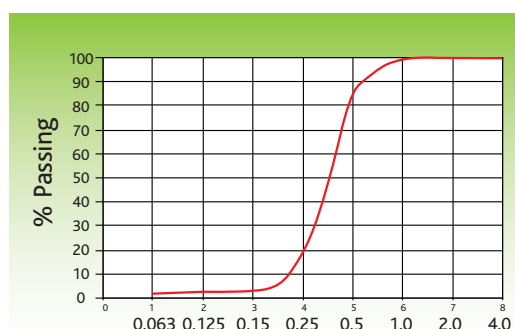
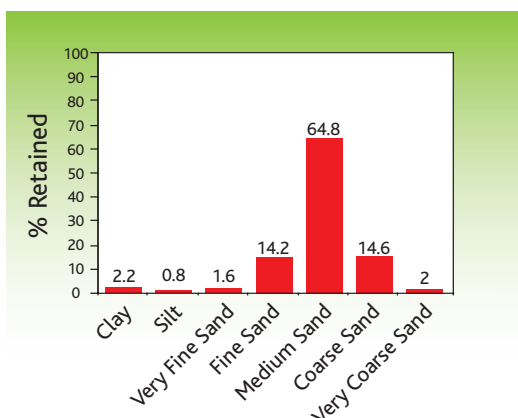
Organic Matter provides the required nutrients for healthy grass growth as well as preserving moisture – essential during dry periods. This is usually derived from an optimum amount of soil and green-waste compost depending on application.

Polypropylene fibres provide strength for the grass roots in all directions. Being rot proof, they protect the natural grass roots. They help the surface resist compaction and deformation. This is vital in areas of heavy or demanding foot traffic - such as sports surfaces, or where vehicle access is required. Fibre Rootzone also helps maintain optimal growth conditions for the grass and preserves the look of the turf.

FIBRE ROOTZONE

CATEGORY	PARTICLE SIZE	TYP % retained
	4.00mm	0.0
	2.00mm	0.6
Very Coarse Sand	1.00mm	2.2
Coarse Sand	500um	12.0
Medium Sand	250um	59.0
Fine Sand	150um	20.2
Fine Sand	125um	1.4
Very Fine Sand	63um	1.8
Silt	-63um	0.6
Clay	Clay	2.2

TYPICAL ANALYSIS	
Moisture Content	10.5% w/w
Organic Content	3.7% w/w
pH Value (H ₂ O)	7.2
Sat. Hydraulic Conductivity	243 mm/hr
Fibre Content (pp)	0.45% w/w
GFN	n/a
D90	600
D10	180
D90/D10	3.3
D eff	260



For more information about our Fibre Rootzone please call **01623 707555**