

SPORT

Reinforced Rootzone Products



A range of Reinforced Rootzones developed to obtain greater use from natural turf surfaces whilst maintaining the high standards demanded by today's sports industry and meeting the expectations of ground staff at all levels.

The reinforcement process utilises fibres that are evenly distributed throughout the Rootzone - producing a completely homogeneous and very cohesive material. The fibres act to enhance the natural root structure effectively reinforcing and stabilising the Rootzone and producing a tighter sward and increased divot resistance.

Ultimately, Mansfield Sand reinforcement technology provides stability and durability to all sand dominated Rootzones allowing the pitch to remain free draining and consistent over the whole surface.

FREE Technical information and advice available on request.

Mansfield Sand

Fibre Reinforced Rootzone

A natural sports turf sand dominated rootzone product that has been reinforced with polypropylene fibres.

This is achieved by mixing our own Mansil 40 silica sand, a screened top soil and polypropylene fibres to create a completely homogeneous blend to be used as the upper rootzone within a pitch construction profile. Consolidated to a typical 100mm depth the fibre reinforced rootzone can then be fertilised and seeded to produce the final grass surface.

Fibreelastic Rootzone

A natural sports turf sand dominated rootzone product that has been reinforced with polypropylene fibres and flexible Elastane fibres.

This is achieved by mixing our own Mansil 40 silica sand, a screened top soil and Polypropylene and Elastane fibres to create a completely homogeneous blend to be used as the upper rootzone within a pitch construction profile. Consolidated to a typical finalised 100mm depth the fibre reinforced rootzone can then be fertilised and seeded to produce the final grass surface.

Custom made fibre reinforced blends can be requested, which can vary in both the sand soil ratio and the fibre content.

Fibresand

A pure sand and polypropylene fibre reinforcement product that is particularly advantageous when grass cover has been reduced due to heavy usage and wear during the winter period. Incorporated into an upper sand soil rootzone and consolidated to provide a stable divot-free environment.

Fibre reinforced product applications: sports pitch construction, high-wear grassed areas, golf-buggy paths and walk ways.

All products are available loose and in bulk bags.

		FIBRE REINFORCED ROOTZONE	FIBREELASTIC ROOTZONE	FIBRESAND CONCENTRATE	FIBRESAND STANDARD
CATEGORY	Particle Size	% RETAINED	% RETAINED	% RETAINED	% RETAINED
	2.00mm	0.1	0.2	0.0	0.0
VERY COARSE SAND	1.00mm	0.6	1.4	0.6	0.6
COURSE SAND	500um	14.2	12.4	14.2	14.2
MEDIUM SAND	250um	65.5	60.9	65.9	65.9
FINE SAND	150um	14.4	18.6	16.0	16.0
FINE SAND	125um	1.2	1.8	1.2	1.2
VERY FINE SAND	63um	1.2	1.6	1.0	1.0
SILT/CLAY	-63um	2.8	3.1	1.1	1.1
PH		6.8	6.9	6.6	6.6
ORGANIC CONTENT		n/a	2.2	n/a	n/a
MOISTURE CONTENT	n/a	n/a	n/a	n/a	n/a
Sat HYDRAULIC CONDUCTIVITY		315	350	1968	1525

For more For more information about our Reinforced product range please call **01623 707555**