

PRODUCT INFORMATION



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.

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.

continued overleaf

FREE TECHNICAL INFORMATION AND ADVICE AVAILABLE ON REQUEST



PRODUCT INFORMATION (continued)

SPORT

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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 walkways.

- All products are available loose and in bulk bags

Typical Analysis

CATEGORY	Particle Size	80/20 FIBRE ROOTZONE SPORT Wt % RETAINED	FIBRESAND CONCENTRATE Wt % RETAINED	FIBRESAND STANDARD Wt % RETAINED
	4.00mm	0.1	0.0	0.0
	2.00mm	0.2	0.0	0.0
VERY COARSE SAND	1.00mm	0.9	0.9	0.9
COARSE SAND	500um	12.4	12.2	12.2
MEDIUM SAND	250um	64.7	70.9	70.9
FINE SAND	150um	16.0	13.3	13.3
FINE SAND	125um	1.1	0.6	0.6
VERY FINE SAND	63um	1.8	1.0	1.0
SILT	-63um	0.8	0.5	0.1
CLAY	Clay	2.0	0.6	0.6

PROPERTIES	80/20 FIBRE ROOTZONE SPORT	FIBRESAND CONCENTRATE	FIBRESAND STANDARD
MOISTURE CONTENT %	6.8	6.0	6.0
ph VALUE	6.6	6.5	6.5
ORGANIC CONTENT %	0.6	n/a	n/a
SAT HYDRAULIC CONDUCTIVITY mm/hr	350/400/450	2200	1600
FIBRE CONTENT (pp) %	0.3/0.45/0.6	0.90	0.45

For more information about our Reinforced product range
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