

FIBRELOK High Performance Rootzone System

Product Description

FIBRELOK HPRS by Veratec is a high performance rootzone system designed to greatly enhance the durability and health of your natural turf sports field. It has proven to significantly increase 'playing days' of natural grass fields even under the most intense usage and wet weather.

This system of fibre-reinforced natural turf was used with great success on nine soccer fields at the 2010 World Cup in South Africa. In terms of traction, the fields rated in the 'perfect' category as defined in FIFA standards by the amount of slips per game and the drainage rates handled in torrential downpours.

For your next sport field project, could you accept anything less?

Product Features

- The NFL Arizona Cardinals' home field, University of Phoenix Stadium, has been voted by players as the best playing surface in the NFL for the last 4 years.
- Increases the strength of the natural turf, reduces divots and provides a safe, high performance field for the players

The FIBRELOK High Performance Rootzone System is an engineered package that combines these essential components:

- Base drainage layer to ensure water drains from the playing surface.
- USGA spec sand blended with our premium bioBOOST™ compost amender for a quick and vigorous grow-in period and long term turf grass health.
- Synthetic fibres blended into top 4" forming a reinforced root bed, drastically increasing the strength a porosity while improving playability under wet conditions.

Physical Properties

Infiltration Rate - Ksat (in/hr)	Particle Density (g/cm)	Bulk Density (g/cm)	Water Holding (%)	Total Porosity	Water (Capillary)	Aeration (Non-Capillary)	OM (% by Weight)
6 - 30	2.7	1.55	8 - 15	43	15	28	1.3 - 3

Particle Size

	Sand .05 - 2.0	Silt .002 - .05	Clay < 0.002	Gravel 2.0 mm
USGA Recommended	≥ 89%	≤ 5 %	≤ 3 %	≤ 3 %
FIBRELOK HPRS	93.65 %	2.52 %	2.29 %	1.54 %

Particle Shape / Size Parameters / pH / EC (target range)

	Sphericity / Angularity	pH (H2O)	pH (CaCl)	EC
FIBRELOK HPRS Rootzone Mix	Low to Med Sphericity Angular to Sub-Angular, to sub-rounded	7.05	6.99	0.26



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Do you require a custom blend to meet project specifications?
Call our engineering team today, we'd love to help.

Contact VERATEC for more information
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