

hard wearing grass on the sports field

Choosing the right type of turf for sports pitches is crucial. It is essential that the grass varieties in the mixture are designed to withstand hard wear and tear and to recover well. Just as important is the medium in which it is growing in, which can make a huge difference to establishment time and wear tolerance. The quality of the turf will also influence ease of laying, establishment time and how long it stays in good condition.

Lindum has been growing sports turf for nearly 25 years. It has developed a tried and tested sports turf mixture and a range of specialist formats that the turf can be supplied in depending on its ultimate use.



“Our thick turf pitch laid in January carried on producing strong new roots and is performing better than we had thought possible.”

Melvin Jones, Head Groundsman for the Warrington Wolves, Halliwell Jones Stadium

“Our training grounds have gone from bog standard to Premier league”

Jason Griffin, Head Groundsman, Chelsea Football Club

“With the quality of product and experience from Lindum, establishment was rapid enabling the first match to be played 5 weeks later.”

Johnny Trandem who installed a washed turf pitch in Norway in February



LT6 Sporturf

LT6 Sporturf is designed to withstand the wear and tear inflicted on Premier League football pitches, rugby stadiums, training grounds, racecourses and school pitches.

LT6 Sporturf Mixture

A turf with ryegrass as the main constituent, yet with a strong presence of smooth stalked meadow grass, which is so valuable for wear and recovery in a difficult winter. Once in play, the fescue element will reduce allowing the smooth stalked meadow grass to increase to a level dictated by the management regime.

- 50% Dwarf Perennial Ryegrass – 2 varieties selected from the highest rated cultivars in the STRI lists for wear tolerance, recovery, disease resistance and colour.
- 30% Smooth Stalked Meadow Grass – selected for wear tolerance, recovery and of a colour to blend well with the ryegrass.
- 20% Slender Creeping Red Fescue – included to provide strength to the turf for ease of laying and rapid establishment.



“We chose to use washed turf because it roots quickly and during the growing season gives us a playable surface in four to six weeks. As the turf has been washed clean of soil, the new rootzone remains pure.”

John Hacker, Consultant Agronomist, Professional Sportsturf Design, laying contractors Chelsea Football Club



LT6 Sporturf is available in several formats:

Standard Turf

Grown on stone-free sandy loam soil to Turfgrass Growers Association (TGA) Turf Standard as a minimum.

Available in small rolls (610mm x 1640mm) or big rolls (0.75m or 1.1m wide, up to 28m long)

Uses – cost effective sports surfaces on well drained soil/sandy loam profiles

Establishment time – 7 to 8 weeks

Washed Turf

LT6 is harvested as a mature turf, washed using highly specialised machinery to remove all soil particles and laid onto a free draining sand rootzone.

Benefits:

- avoids contamination of high specification rootzones with fine turfsoil particles
- avoids creation of a layer which impedes root development and water percolation
- roots faster as it seeks water and nutrients
- produces a greater biomass of roots

- reduced divoting
- faster establishment time

Uses – new sports surfaces constructed with a high specification sand profile or fibre reinforced rootzone

Establishment time – 3 to 5 weeks dependant on temperature. This technique can be used over winter in conjunction with undersoil heating (see Norwegian football pitch case study).

Fibre reinforced Lindum Lokturf

LT6 is grown into an imported Loksand crimped fibre reinforced rootzone, harvested as a 40mm thick turf and installed using specialist machinery.

Benefits:

- improved wear tolerance
- rapid drainage properties
- reduced divoting
- load bearing

Uses – replacement or repairs on existing fibre reinforced rootzones (compatible with all current fibre rootzones). Also suitable for grass car parking, fire access roads and walkways.

Establishment time – 2 to 3 days.

Thick Rootzone Turf

LT6 is grown in an imported sand/soil rootzone, harvested at up to 40mm thickness and installed using specialist machinery.

Benefits:

- compatibility with existing rootzones
- instant use

Uses – replacement of whole pitches during playing season; replacement of high wear areas e.g. goalmouths.

Establishment time – 2 to 3 days.



Mike Harbridge, Consultant Agronomist at PSD, recalls:

“We were looking for durability and endurance, and we needed turf grown from a seed mixture which would provide a good cushion for the horses. We visited Lindum’s nurseries and liked the appearance of the sward, it fulfilled our criteria, and we knew that the soil base would be compatible with the rootzone at York Racecourse.”

LT6 SPORTURF SPECIFICATION

SUPPLIER	Lindum Seeded Turf Ltd
PRODUCT	LT6 Sporturf <ul style="list-style-type: none"> • Standard • Washed • Thick cut rootzone • Lokturf
USES	Sports pitches and stadiums School sports pitches Racecourses Polo grounds
SOWN MIXTURE	50% Dwarf Perennial Ryegrass 30% Smooth Stalked meadow Grass 20% Slender Creeping Red Fescue
ROOTZONE	Standard: sandy loam soil Thick cut rootzone: ameliorated sand/soil Lokturf: fibre reinforced Loksand
ROLL SIZE	Small rolls: 610mm x 1640mm Big rolls: 0.75m or 1.1m x 28m Thick Rootzone/Lokturf: 1.1m x 10m
FINAL THICKNESS	Standard: 15-20mm Washed: 10mm Thick Rootzone/Lokturf: 40mm
WEIGHT	Standard: 16-20 kg per m ² Washed: 12 kg per m ² Thick Rootzone/Lokturf: 65 kg per m ²

Other information available:

- Soil particle analysis for Rootzone turf and Lindum Lokturf
- Lindum Lokturf technical sheet
- Washed turf installation and management guidelines
- Washed turf on winter pitch in Norway – case study

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