

Lindum Lokturf – reinforced turf technology

Grass still first choice for high performance

Grass is often used in situations that subject it to huge wear and tear. Shoes, boots, spikes, hooves and wheels all impact on the grass, often cutting into the surface to cause lasting damage.

Lindum has developed an innovative product, **Lindum Lokturf**, specifically for high performance, high impact situations, meaning that grass can still be the surface of choice for sports pitches, car parks and visitor attractions.



Uses of Lindum Lokturf

Sports pitches – replacement of worn areas, e.g. goal mouths, or whole pitch replacement.

Grass car parks – overflow car parking areas, often used in conjunction with regular use hard paved areas.

Walkways – paths and walkways at stately houses, golf courses and visitor attractions.

Car standings – as a sustainable alternative to a hard paved area beside a house or office. Rainfall is absorbed so reducing the risk of flooding.

Fire access roads – combining a living green finish with improved load bearing capacity around buildings.

Equestrian – jump landings benefit from the stabilising and shock absorbing effects.



What is Lindum Lokturf?

A fibre reinforced mature turf for instant use, 40mm thick, grown by seeding hard wearing cultivars of perennial ryegrass and smooth stalked meadow grass into Loksand, a polypropylene fibre reinforced rootzone. Using specialist machinery Lokturf is harvested in big rolls 1.1m wide to an even and consistent depth.



Benefits of using Lindum Lokturf

- Immediate use
- Surfaces that stay firm and level for longer
- Greater resistance to wear and tear
- Rapid drainage by reducing rootzone compaction
- Less divotting and more active grass recovery
- Durable load bearing surface

“During the cross country we had nearly 100 horses pounding the turf at a rate of one per minute. The Lindum Lokturf that we laid on the flat took no damage at all, and the steep slope before the water jump didn’t need repairs during the event. Normally we would have expected it to be devastated”.

Gary Podmore, Course Builder,
Bramham Three Day Event

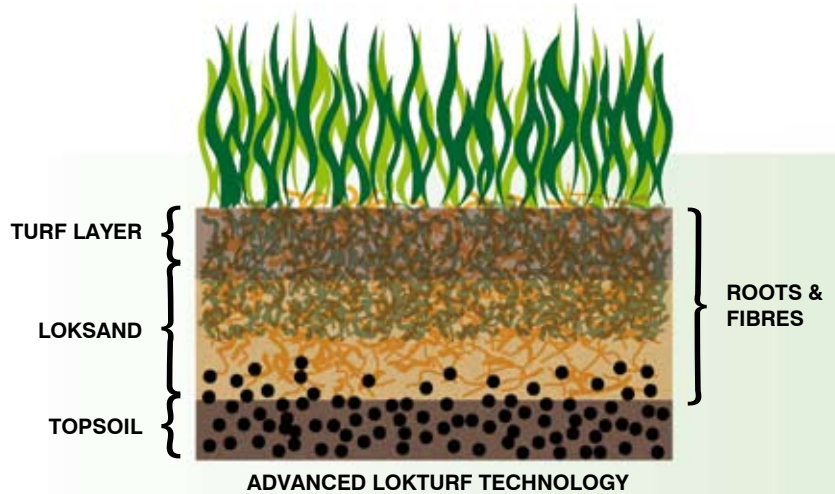


Advanced Lokturf Technology

The unique crimped profile of the Loksand fibres used in Lokturf production creates a superior interlock between fibres and sand. This not only gives great stability but also introduces a shock absorbing effect. The fibres are produced to BS Standards and Loksand is manufactured at sites complying with ISO 14001 standards.

Developed using Loksand, Lindum Lokturf can be used immediately and because of its inbuilt strength is less susceptible to divoting. Ideal for areas of heavy impact, Lindum Lokturf provides a durable, fast recovering surface that stays firmer and level for longer.

Due to its unique composition, Lindum Lokturf improves drainage by reducing rootzone compaction, meaning that surfaces quickly recover ready to be re-used.



EXAMPLE SPECIFICATION FOR CONSTRUCTION OF GRASS CAR PARKING AREAS

EXCAVATE to a depth of 250mm

LAY AND CONSOLIDATE 100mm type 1 sub base

LAY 125mm 0.3% Loksand Fibre Rootzone (allow 125mm @ 1.6 tonnes per m³)

CONSOLIDATE to 100mm depth with whacker plate or static roller

LAY 40mm thick Lokturf and roll lightly

MOW at 20-25 mm and apply fertiliser at 6 week intervals in growing season for maximum wear recovery

For further details please request a copy of Cardiff University's Grass Roads Design Guide.

Installation of Lindum Lokturf

Lindum Lokturf is usually installed by trained laying teams as a 40mm thick layer on either a prepared, consolidated but free draining soil, or more usually on a Loksand rootzone. The depth of Loksand rootzone will vary according to level of usage, site drainage capability and load bearing requirements.

Advice is available on profile design for Loksand/Lokturf installations for various uses. It is important to note that Lokturf is also compatible with other similar fibre based rootzones.



LINDUM LOKTURF SPECIFICATION

SUPPLIER	Lindum Seeded Turf Ltd
PRODUCTS	Lindum Lokturf*
USES	Sports pitches Grass car parks Car standings Walkways Fire access roads Equestrian
TURF AND ROOTZONE	LT6 Sporturf grass mixture (comprising 50% hardwearing dwarf perennial ryegrass, 30% smooth stalked meadow grass, 20% slender creeping red fescues) growing in a Loksand ⁺ polypropylene fibre reinforced rootzone
ROLL SIZE	1.1 metres x 8.0 metres
THICKNESS	35-40mm
WEIGHT	60-70 kg per m ²
INSTALLATION	To be laid using specialist laying machinery onto either soil or Loksand ⁺ rootzone (depending on the load bearing requirements) that has been carefully consolidated and levelled

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* Lindum Lokturf is a registered trademark of Lindum Seeded Turf Ltd.
+ Loksand is a Tarmac Topsport product.

