



CENTAUR

ASIA PACIFIC

For shaping and
reinforcing natural
surfaces

Loksand®

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LOKSAND®

Sand Stabilisation Fibre

The Loksand Rootzone System has revolutionised grass and sand stabilisation for architects and contractors in the landscape, sports field, and golf course sectors. The advanced fibre technology allows easier shaping and reinforcing natural surfaces.

Golf and Landscape Shaping

Loksand has been proven to simplify the shaping and construction of golf courses and landscaping, making the process easier and more efficient. It also simplifies the management of the grow-in phase and preserves the designer's intended shapes for many years. With our solution, you can achieve permanent results and maintain a pristine golf course, or project long after completion.



Angle of repose - Sand (left) Loksand (right)

LOKSAND Sand Stabilisation fibre is typically blended with a sand and soil substrate to reinforce the rootzone. During the mixing process crimped fibre entwines around sand/soil particulates increasing overall strength and resistance, thus improving the structure.

Sub-grade sand strength CBR% (Table A)	Required Loksand Rootzone depth	Sub-base layer depth for light vehicles	Sub-base layer depth for HGVs
>12% (light vehicles)	150mm	No sub-base	N/A
>12% (HGV's)	200mm	N/A	No sub-base
6-12%	200mm	No sub-base	No sub-base
4-6%	200mm	100mm	150mm
2-4%	200mm	150mm	200mm
1-2%	200mm	250mm	350mm

- ✓ A durable & stable natural grass surface
- ✓ Free-draining
- ✓ High, load-bearing capacity
- ✓ Eliminates tracking on new grass
- ✓ Easily transportable
- ✓ Simple to install
- ✓ Long life-span* with appropriate maintenance



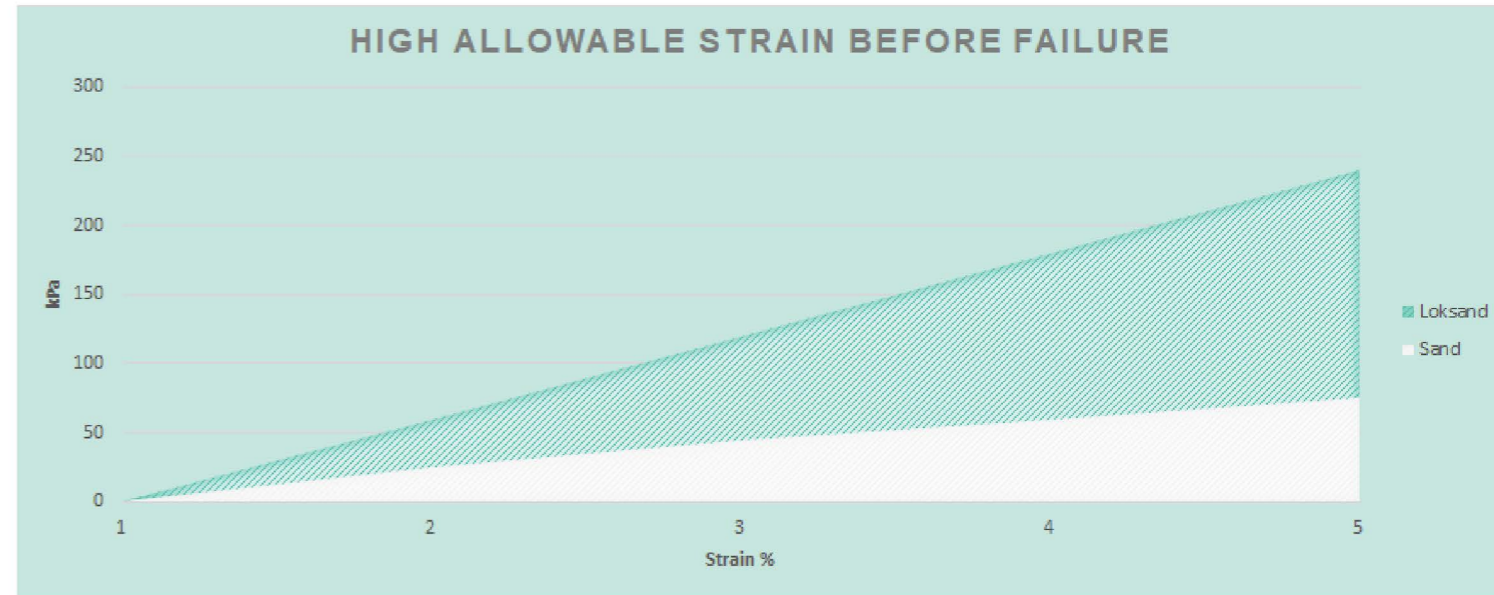
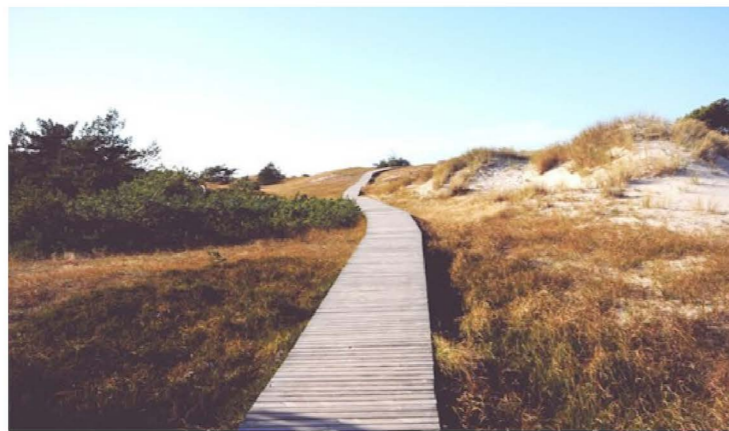
Sports Surfaces

Loksand is the latest advancement in turf technology. Our unique 'crimped' fiber, when mixed with sand, provides exceptional stabilization for the root zone. Additionally, it offers a remarkable shock-absorbing effect that quickly restores uniformity to the surface after heavy use. No other product can match the performance characteristics of Loksand, making it the ultimate choice for protecting sports pitches.

Loksand creates an artificial instant root system allowing for an immediate stable surface, with no risk of damage or subsidence. As the turf becomes established the roots interlock with the Loksand Fibre, further increasing stability and its cohesive strength. Turf Nurseries using LOKSAND establish faster and enable a quicker and cleaner process of sod-cutting and sod-laying. LOKSAND sand stabilisation fibre reinforces sand, improving drainage and wear in high traffic areas like golf course cart paths, tee-boxes, and walkways.

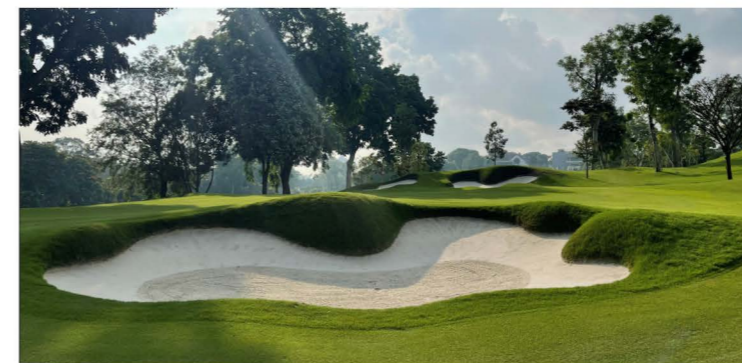
Light Vegative Dunes

Famously beautiful dunes have been used in the past to create stunning features, creating contrast and inspiring creativity, but always famously hard to maintain and eventually turned into grassed mounds. Loksand now enables the re-establishment of these features made famous by Donald Ross and others in the early 20th century. Locking these features into place, allowing a safe stable sand surface



Natural Grass access roads

Loksand gives a remarkable improvement in load-bearing capacity on turf or exposed surfaces. Effectively minimizes rutting, furrows, and grooves, providing a cost-effective and aesthetically pleasing solution for areas such as overflow parking, cart paths, and high foot traffic zones. Whether you need extra parking space or durable pathways, our solution is the ideal choice for maintaining the integrity of natural grass surfaces.



"It was at Singapore Island Country Club that I was first introduced to Loksand. For me this was the missing link that gave us an edging that could be immediately secured with sod, protecting every bunker from the moment it was completed, truly a game changer in high rainfall areas" Graham Marsh



LOKSAND®

Sand



Loksand is now available as a compostable fibre. Giving the same great long term performance, now in a bio-degradable format