

WHITEMOSS

Specialist Products and Sustainable Bulk Materials

BunkerMat™

Europe's leading golf bunker liner

Whitemoss - Access routes and erosion control

Products that provide access for vehicles and pedestrians while protecting the ground and preventing erosion

Whitemoss – Innovative drainage

Effective and easily installed solutions for use on fairways, greens and bunkers

Whitemoss - Bulk materials

Our traditional strength – high quality, specification-focused top dressings, rootzones, bunker and sports sands

Whitemoss - ECO-LITE

New, 100% natural rootzone amendment offering major benefits

Greener by Design

BunkerMat™

The 3-dimensional sand retention and drainage matting that traps the sand within the open structure of the fibres, enabling sand to be held on steeper bunker slopes while still allowing internal water movement. Also acts as an effective barrier, limiting contamination of bunker sands by fines from the subsoil. Allows creation of bunkers with more dramatic shapes and structures.

“Having researched and tried other liners, BunkerMat is the only product that does exactly what it claims”

Jamie, CM at Grange Park Gold Club.

“We had four inches of rain in a day and not one washed out bunker. BunkerMat WORKS”

Mark Ecott, Horizon Hill, Malaysia.

BunkerMat™ is available on rolls in two sizes

2m x 25m (including fixing pins)

4m x 25m (including fixing pins)

Costs (ex-VAT)

£11.00 per m²

Carriage paid on orders for 200m² and above
(eg 2 rolls of 4m x 25m)

Joining Kit

Includes 1 x 11 kg tub of 2-part adhesive with 4 glue cartridges and 50m of joining tape.

Cost (Ex VAT) - **£155.00**



Bunker liner performance comparison

Product	Initial Strength	In plane flow	Sand pass through
BunkerMat	560 kg/m ²	0.4 l/s/m	35%
SandMat 400	250 kg/m ²	N/A	73%
SandTrapper	230 kg/m ²	0.014 l/s/m	100%

PermE Bunker

New porous golf bunker liner produced from porous resin and recycled rubber. The 30mm thick, wet pour system is fully porous but provides a permanent answer to subsoil contamination of bunker sands.

Ideal solution is to use PermE Bunker in the base of the bunker combined with BunkerMat on the faces to retain the sand on the faces.



Costs (ex-VAT)

£29.95 per m²

(fully installed on a prepared bunker)

Please contact us for a list of UK and european case studies

Access, Ground Protection and Erosion Control

PermE Trak

Developed by Whitemoss specifically for use on golf buggy paths and other golf course access routes.

With a 38mm profile, PermE Trak is produced from porous polyurethane resin, recycled rubber and aggregate to create visually attractive and hard wearing pathways for lighter vehicles.



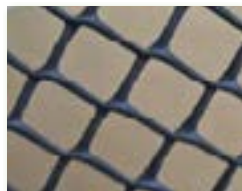
Costs (ex-VAT)

£39.95

(fully installed on to a prepared surface)

Turfguard

A polymeric grass protection mesh that offers protection to the crown of the grass and is suitable for light traffic such as pedestrians and golf trolleys. Turfguard is supplied on the roll and is easy to install with fixing by steel U pins.



Turfguard is available on 2m x 30m rolls in two weights;

Standard – 440 g/m²

Premium – 660 g/m²

Costs (ex-VAT)

Standard - £170.00
per roll, including fixings and carriage (minimum 6 roll rate)

Premium - £185.00
per roll, including fixings and carriage (minimum 6 roll rate)

GrassTrak XHD

A heavy duty mesh, supplied in 1.2 x 2.05m mats, which can provide both temporary and permanent ground protection.

Capable of handling mini-excavators and compact tractors and trailers, GrassTrak XHD is the ideal solution for temporary access trackways over grass, but can also provide a temporary/permanent solution for overspill parking on grassed areas.

Steel U pins can be used to link and secure mats together.



20 – 39 mats **£59.95** each

40+ mats **£49.95** each

100 Steel U pins **£45.00**

GrassTrak

A grass protection mesh that offers a higher degree of protection than Turfguard. Also supplied on the roll it is easy to install and is fixed using steel U pins. Use of the Premium grade will provide protection against surface 'rutting'.



GrassTrak is supplied on 2m x 20m rolls in two weights:

Standard – 1000 g/m²

Premium – 1800 g/m²

Costs (ex-VAT)

Standard - £252.00
per roll, including U pins and carriage (minimum 4 roll rate)

Premium - £360.00
per roll, including U pins and carriage (minimum 4 roll rate)

BuggyTrak

Heavy duty, interlocking polymeric paver system, suitable for constructing buggy or maintenance tracks around golf courses and sports fields. Can also be used to create additional/overspill parking areas. Cellular pavers can be grass or gravel infilled.

Paver sizes

1m x 1m clip-together pavers with a choice of 40mm or 50mm profiles.

Costs (ex-VAT) from

£9.25 per m² + carriage



Drainage Products

AquaPanel

Ideal for use on fairways, greens, bunkers, equestrian arenas and many other sports field applications, AquaPanel is a high void structure produced from 100% recycled thermoplastic materials.

This allows for far greater drainage capacity AND structural stability than traditional aggregate or pipe drainage.

Panels, which can be installed vertically or horizontally, are also 75% lighter than aggregates making them fast, clean and easy to install.



Costs (ex-VAT)

Available in full pallets from
£10.00 per panel

(includes delivery in England
and Wales)
(Single pallet orders)

AquaPanel performance

Strength	Flow rate	Frost proof
1745 kn/m ²	27 l/s/m	50% Open Pore Area

Size

1m x 225mm x 48mm panels (4.9 kg each).

180 panels per pallet.

Megaflor[®]

Flat panel subsoil drainage

A flat, panel-shaped, geo-composite pipe designed for rapid drainage on fairways, greens, tees and bunkers as well as on other sportfields. The unique design means it can be laid flat directly onto the sub-grade, eliminating the need for trenching, removal of excavated material and filling with gravel. Installation costs are cut by half and the potential of damage from earth-moving machinery is eliminated. Drainage for an average sized green can be installed in just two hours. With twice the soil contact area of traditional round pipes, Megaflor will drain water from playing surfaces in about 60% of the time, allowing play to commence immediately after a storm event.

The unique structure is exceptionally strong and Megaflor is supplied with a filter geotextile attached to reduce the infiltration of fine soil particles into the pipe system.



Sizes (Supplied on rolls)

170mm (W) x 100m

Complete range of fitting available.

Guide Price (ex-VAT)

£4.50 - £5.50 per linear metre

Sustainable Bulk Materials

Whitemoss Eco is recognised as the UK's leading supplier of high quality, specification-focused, sustainable materials used in the construction and maintenance of golf courses, racecourses and other natural sports surfaces. We were pioneers in the use of Green Compost and continue to offer sand/organic blends that offer a range of benefits to our customers.

The use of Green Compost also offers major environmental benefits by reducing the need to strip peat or soil. Because Green Compost blends are up to 35% lighter than top soil, there are also cost savings for our customers.

- Rich in nutrients (High P and K content)
- Reduced leaching of nutrients
- Improved Cation Exchange Capacity
- Reduced soil compaction
- Improved water holding capacity
- Increased microbial activity
- Improved disease suppression
- Reduced thatch.

Whitemoss Top Dressings

Whitemoss Celtic

- A Medium Course Washed Sand blended with Sphagnum Moss Peat. Screened to 3mm and heat treated.
- Can meet USGA recommended grading.

Whitemoss UK

- A Medium Grade Washed Sand and Green Compost or Soil mix.
- Screened to 3mm and heat treated.

Whitemoss USGA

- A Medium Grade Washed Sand blended with Green Compost.
- Screened to 3mm and heat treated.
- Can match USGA grading requirements.

Whitemoss Traditional

- A Medium Fine Graded Washed Sand blended with either Green Compost or Soil.
- Screened to 3mm and heat treated.

Whitemoss Rootzones

Whitemoss Celtic

- A Sand/Sphagnum Moss Peat blend.
- This is a full USGA specification rootzone.
- Low pH of around 5.

Whitemoss UK

- A Medium-Dominated Sand/Green Compost blend, available in ratios from 2:1 to 6:1 to meet customer requirements.

Whitemoss Traditional

- A Medium Fine Sand/Green Compost mix, still widely used to match up traditional Push Up Greens.
- Available in ratios from 2:1 to 6:1.

Whitemoss Tees Premium

- A Medium-Dominated Sand/Green Compost blended material.
- Ideal for use as a construction mix or for Tee Dressing.

Whitemoss Standard

- A Medium Fine Sand/Green Compost blend for use in construction or as a top dressing for tees.

Costs

POA – please contact Whitemoss to discuss your requirements.

Top Dressings and Rootzones are available in loose bulk: 11 tonne, 20 tonne and 30 tonne loads available.

Also available in 1 tonne tote bags or 25 kg bags.

Sustainable Bulk Materials

Bunker Sands

Whitemoss Bunker 1 Sand

- A Medium-dominated, sub-angular/sub-rounded washed quartzite sand with 70% of particles in the Medium/Coarse range providing a percolation rate of 220mm/hour.
- Light tan in colour.

Whitemoss Links Bunker Sand

- A Medium Fine, sub-rounded washed silica sand, carefully graded to match indigenous Links sands in order to blend and complement existing bunkers.
- Light tan in colour.

Whitemoss Bunker 4 Sand

- A Medium grade washed silica sand, sub-round to sub-angular.
- Light tan in colour.

Sports Sands

Whitemoss UK

- A Medium-dominated washed silica sand.
- 70% of particles in the 0.25 -0.50 mm range.

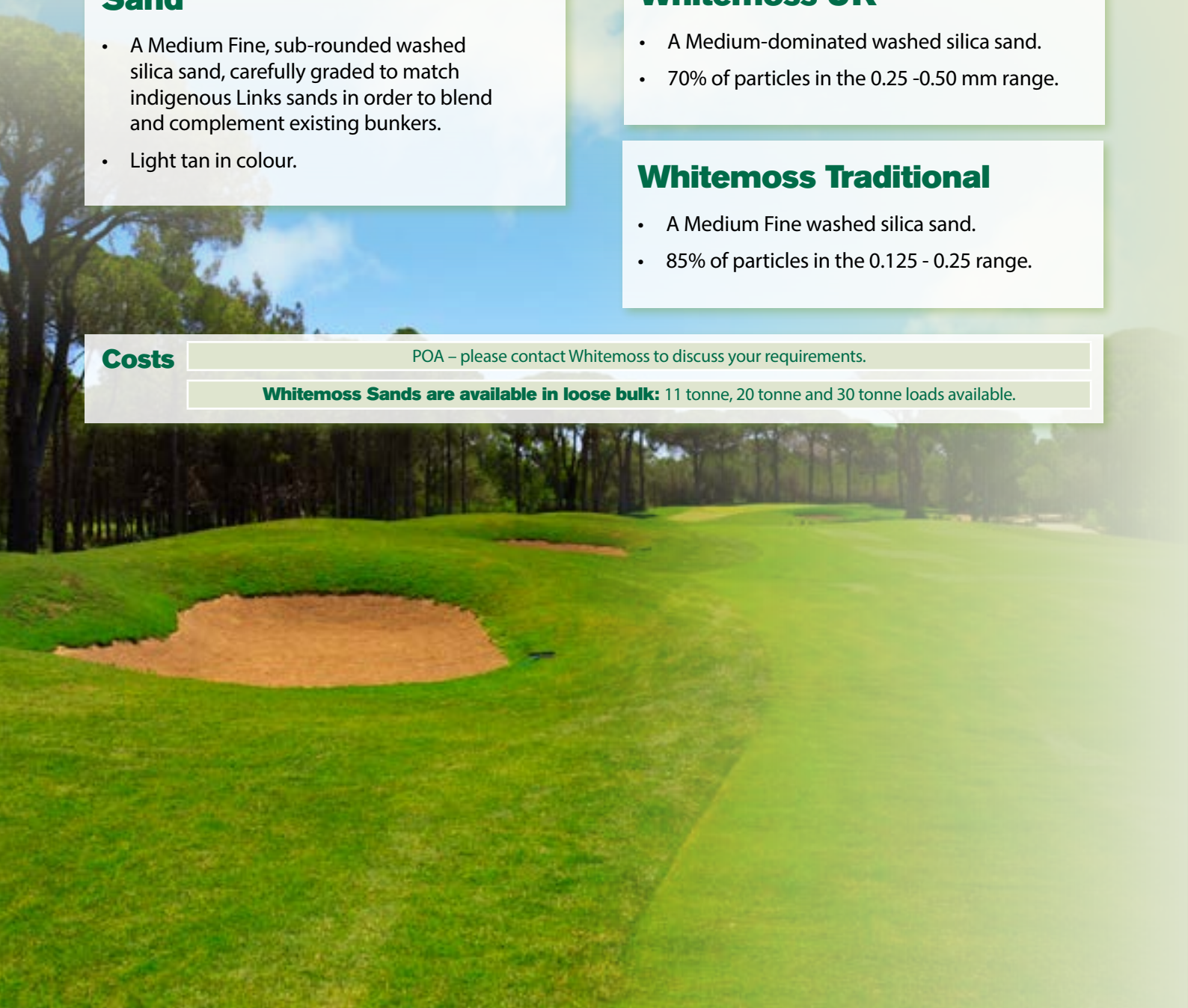
Whitemoss Traditional

- A Medium Fine washed silica sand.
- 85% of particles in the 0.125 - 0.25 range.

Costs

POA – please contact Whitemoss to discuss your requirements.

Whitemoss Sands are available in loose bulk: 11 tonne, 20 tonne and 30 tonne loads available.



Whitemoss Racecourse Materials

Whitemoss Newbury Mix

- A blend of Green Compost and washed medium sand.
- Screened to 10mm on a mesh screen.

Whitemoss Soils

Whitemoss Latymer

- A blend of Green Compost and washed medium sand, screened to 10mm on a mesh screen.

Whitemoss Landscape Soil

- A Sandy Loam soil screened to 9 mm on a piano screen. Good, general purpose soil.

Whitemoss SuperSoil

- A blend of Green Compost and Reed Sedge Peat.
- Ideal multi-use material.
- Widely used in general construction projects and for bunker faces.

Costs

POA – please contact Whitemoss to discuss your requirements.

Whitemoss Racecourse materials and Soils are available in loose bulk:
11 tonne, 20 tonne and 30 tonne loads available.



Whitemoss ECO-LITE

Eco-Lite is a 100% natural Zeolite rootzone amendment that offers major, long-term benefits for turfgrass.

- Holds water and nutrients in the rootzone until grass plants are ready to use them
- Reduces leaching of fertilisers, preventing pollution of ground water
- Reduces irrigation and fertiliser costs
- Promotes denser and deeper feeder root systems.
- Helps to prevent compaction and increase infiltration.
- Helps prevent anaerobic conditions (Blacklayer)
- Increases firmness of playing surfaces
- Completely natural and non-toxic to plants and animals.
- Easy to apply (from 0.0250 – 1 kg per m)



Costs (ex-VAT) (inc. pallet delivery to England and Wales)

Standard: from £10.00 per 25 kg bag.

Premium: from £12.00 per 25 kg bag.

Available in

Two grades: Standard (Particle size 1 – 3 mm) and **Premium** (Particle size 0.7 – 1.6mm).

Packed in 25kg bags.
Minimum order quantity 40 x 25 kg bags.

Also available from Whitemoss:

- Gravel and drainage stone
- Traditional round drainage pipes
- Footpath aggregates (including Redpath and Blue/Grey Welsh slate)
- PAS 100/2005 Green Compost. Mesh screened to 10mm.

If you would like to discuss your requirements in more detail please contact your local sales manager or our central sales office:

Northern Area: Mike Crabtree (*Sales Director*)

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Midlands and Wales Area: Mike Whitehouse (*Region Manager*)

M: **07795 395669** E: mike-w@whitemosseco.org.uk

Yorkshire and Southern Areas: Andy Law (*Managing Director*)

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