



Case Study

Turfmesh Grass Protection System

Location:

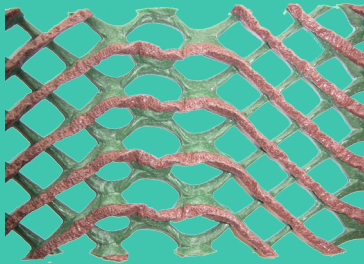
Low Lane,
Stainborough, Barnsley,
S75 3ET

Client:

Wentworth Castle &
Stainborough Park
Heritage Trust

Project:

Visitor overflow car
parking



In 2005, after years of neglect and under-funding the Wentworth Castle and Stainborough Park Heritage Trust, began work on a £16m programme to restore and develop this magnificent estate. The attraction opened to the public in 2007 and its growing popularity created a need for additional visitor parking and space for special events.

A large area of grass adjacent to the main car park was the ideal place to create an overspill car park that could be used at various times of the year for the additional visitors. To avoid costly excavations a solution was required that would retain the grass and at the same time to provide a robust surface capable of being trafficked throughout the year. Various surfacing options had been considered by the client but nothing found had been exactly right. The size and gradient of the area had failed to match a suitable product with the required strength resistance and durability. After a site meeting with Geosynthetics where we analysed the actual conditions of the area the Turfmesh 3 system was proposed.

Turfmesh 3 provided a solution that required minimal preparation, followed the contours and gradient of the ground whilst reinforcing and creating traction for the traffic. The Turfmesh 3 was ordered and installed and



the new car parking area was used for the first time just a month afterwards. By retaining and reinforcing the grass the client was able to make use of the area in its first summer season. Avoiding excavations and lengthy waiting times for grass to establish was key to the success of this installation.

"The landform of the field was influential in our choice of product as it is more flexible than other products we were shown. The fact that we were able to lay it on the existing grass sward was also very beneficial reducing time and cost in laying the car park."

Claire Herring - Director at Wentworth Castle Gardens

Contractor:

William Anelay Limited



Geosynthetics Limited

Fleming Road
Harrowbrook Ind. Est
Hinckley
LE10 3DU
Tel. 01455 617 139
sales@geosyn.co.uk
www.geosyn.co.uk






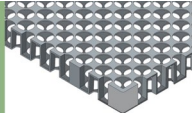
2 in 1
Landscaping Fabric




Gas Membrane
Radon, CO2, Methane,
Hydrocarbon Control



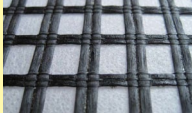
RoofCell
Sub Surface Drainage
And Water Storage



Alert®
Contamination Indicator




Geoglas®
Asphalt Reinforcement



Stratagrid
Soil Reinforcement Geogrid




AquaBlock®
Water Containment Liners



Geomembrane
Impermeable Membrane



Strataweb
Slope Stabilisation



Bentotex® GCL
Geosynthetic Clay Liner



Golpla
Grass & Gravel Paving System



T-Block
Modular Retaining System




Cellweb® TRP
Tree Root Protection



Golpla Pregrown
Ready To Lay Paving System



Telegrid
Woven Polyester Geogrid



DuoDrain®
Composite Drainage Product



Interlock
Extruded HDPE Geogrids




Televev
High Strength
Woven Geotextile



East Coast
Biodegradable
Erosion Control




Knotblock®
Japanese Knotweed Barrier




Tenax
Soil Reinforcement Solutions



Ekotex®
Non Woven Geotextile



Landlok
Turf Reinforcement Mat




Total Traffic Exopave
Heavy Duty Paver



Fiberforce®
Equestrian Geotextile



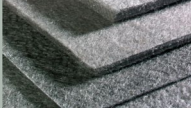
Nicospan
Erosion Control




Trinter
Erosion Control Mat



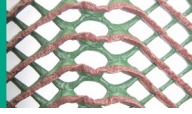
Fibertex
Non Woven Geotextile



Rhyno®
Woven Geotextile




Turfmesh
Grass Reinforcement



Flexitex
Textile Shuttering



RockBox
Gabion Mattresses



RootBlock
Root Barrier