

Case Study

Golpla® & TTE®

STEAM - Museum of the Great Western Railway



Location:

Fire Fly Avenue
Swindon
SN2 2EY



Client:

Swindon Borough Council



Merchant:

MPS Swindon



Contractor:

Lake Edge Ltd

Geosynthetics Limited
Fleming Road
Harrowbrook Industrial Estate
Hinckley
LE10 3DU

T: 01455 617 139
sales@geosyn.co.uk
www.geosyn.co.uk

STEAM - Museum of the Great Western Railway is housed in a beautifully restored Grade II railway building in the heart of the former Swindon railway works. Visitors to the site use a car park at the nearby Swindon Designer Outlet but staff, disabled visitors and coaches can park on land adjacent to the building. The condition of the ground was very poor with drainage and pothole issues.

A site meeting was held with Claire Bevan of Swindon Borough Council. The site was effectively two areas, one for coaches and one for cars. Both required a gravel finish that would solve the site issues but be sympathetic to the surrounding area and building. Initially TTE® was considered for the whole scheme but Geosynthetics suggested beige Golpla® for the car parking and the stronger TTE® for the coaches.



The exact make-up of the existing ground was unknown so some site investigation was needed. Geosynthetic's engineering team also produced a technical recommendation based on some assumptions to help with the tender process.

Once the tender was awarded, continued support was given to the contractor who had not used TTE® before. They found it easy to install with the aid of the special installation mesh. Coaches and cars were able to use this completed surface while the Golpla® area was finished. By matching the surface reinforcement to the application, significant improvements were made to the original site.



"When considering a product suitable for our requirements Geosynthetics ticked all the right boxes. We required both the TTE® and Golpla® buff system on this project. Geosynthetics were instrumental in the success of this project from start to finish. The results are truly amazing and compliments the listed building perfectly".

-Claire Bevan



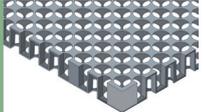
2 in 1
Landscaping Fabric



Gas Membrane
Radon, CO2, Methane,
Hydrocarbon Control



RoofCell
Sub Surface Drainage
And Water Storage



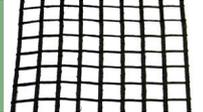
Alert®
Contamination Indicator



Geoglas®
Asphalt Reinforcement



Stratagrid
Soil Reinforcement Geogrid



AquaBlock®
Water Containment Liners



Geomembrane
Impermeable Membrane



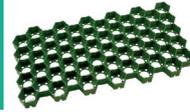
Strataweb
Slope Stabilisation



Bentotex® GCL
Geosynthetic Clay Liner



Golpla
Grass & Gravel Paving System



T-Block
Modular Retaining System



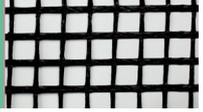
Cellweb® TRP
Tree Root Protection



Golpla Pregrown
Ready To Lay Paving System



Telegrid
Woven Polyester Geogrid



DuoDrain®
Composite Drainage Product



Interlock
Extruded HDPE Geogrids



Televev
High Strength
Woven Geotextile



Erosion Control
Comprehensive Range



Knotblock®
Japanese Knotweed Barrier



Tenax
Soil Reinforcement Solutions



Ekotex®
Non Woven Geotextile



Landlok
Turf Reinforcement Mat



Total Traffic Exopave
Heavy Duty Paver



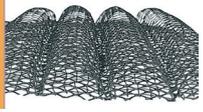
Fiberforce®
Equestrian Geotextile



Nicospan
Erosion Control



Trinter
Erosion Control Mat



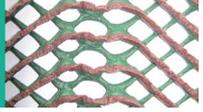
Fibertex
Non Woven Geotextile



Rhyno®
Woven Geotextile



Turfmesh
Grass Reinforcement



Flexitex
Textile Shuttering



RockBox
Gabion Mattresses



RootBlock
Root Barrier

