



Case Study

Total Traffic Exopave

Location:

Prestbury Road
Over Alderley
Cheshire
SK10 4QB

Client:

National Trust

Project:

National Trust Hare Hill



Contractor:

H&R Building Services

Consultant:

Cass Associates Liverpool

Installer:

H&R Building Services

With National Trust Hare Hill in the Cheshire countryside attracting more and more visitors each year, it was apparent that improvements to the car park facilities were needed. Cass Associates were appointed to carry out the design work. In September 2015 they contacted Geosynthetics and an initial meeting was held to discuss a potential design for a new reinforced grass and gravel car park.



The Grass areas would be Pre Grown Golpla to ensure the site could be completed quickly. The remainder of the site would be loose gravel. A site meeting was scheduled to see the site and discuss the situation with the National Trust and contractor. It was apparent from the visit that the gravel turn at the end of the car park was steeper than expected and likely to experience high lateral forces from vehicles using the car park. On that

basis Geosynthetics recommended reinforcement be made with their TTE heavy duty pavers.

TTE has high strength in situations where heavy vehicles need to use the surface. It copes extremely well with lateral forces and can be installed on slopes of up to 1 in 10. This made it an excellent choice for the Hare Hill site. It can be filled with grass or gravel to suit the application. The contractor's onsite had not seen TTE before but found the product very easy to install and were able to complete the work in 2 days. Geosynthetics visited site during the installation to assist with the installation stage.



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We received excellent technical support from the team at Geosynthetics to ensure the right materials were selected for our needs. As a result, the car park not only looks great but is also durable, easy to maintain and capable of withstanding the high volumes of traffic we see during peak season.

Emma Hill - Head Gardener, National Trust, Cheshire and Wirral Portfolio



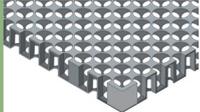
2 in 1
Landscaping Fabric



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



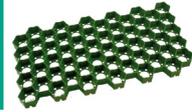
Strataweb
Slope Stabilisation



Bentotex® GCL
Geosynthetic Clay Liner



Golpla
Grass & Gravel Paving System



T-Block
Modular Retaining System



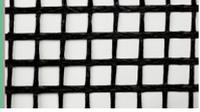
Cellweb® TRP
Tree Root Protection



Golpla Pregrown
Ready To Lay Paving System



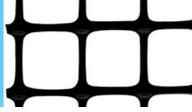
Telegrid
Woven Polyester Geogrid



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



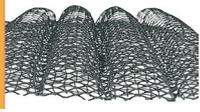
Fiberforce®
Equestrian Geotextile



Nicospan
Erosion Control



Trinter
Erosion Control Mat



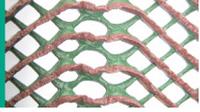
Fibertex
Non Woven Geotextile



Rhyno®
Woven Geotextile



Turfmesh
Grass Reinforcement



Flexitex
Textile Shuttering



RockBox
Gabion Mattresses



RootBlock
Root Barrier

