



# 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.



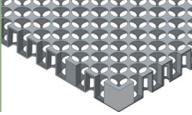
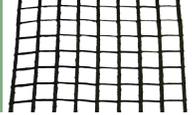
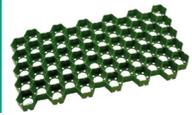
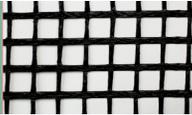
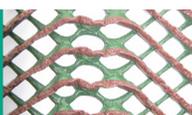
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***We received excellent technical support from the team at Geosynthetics to ensure the right materials were selected for our needs. As a result, the car park not only looks great but is also durable, easy to maintain and capable of withstanding the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

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



<p>2 in 1 Landscaping Fabric</p> 	<p>Gas Membrane Radon, CO2, Methane, Hydrocarbon Control</p> 	<p>RoofCell Sub Surface Drainage And Water Storage</p> 
<p>Alert® Contamination Indicator</p> 	<p>Geoglas® Asphalt Reinforcement</p> 	<p>Stratagrid Soil Reinforcement Geogrid</p> 
<p>AquaBlock® Water Containment Liners</p> 	<p>Geomembrane Impermeable Membrane</p> 	<p>Strataweb Slope Stabilisation</p> 
<p>Bentotex® GCL Geosynthetic Clay Liner</p> 	<p>Golpla Grass &amp; Gravel Paving System</p> 	<p>T-Block Modular Retaining System</p> 
<p>Cellweb® TRP Tree Root Protection</p> 	<p>Golpla Pregrown Ready To Lay Paving System</p> 	<p>Telegrid Woven Polyester Geogrid</p> 
<p>DuoDrain® Composite Drainage Product</p> 	<p>Interlock Extruded HDPE Geogrids</p> 	<p>Televev High Strength Woven Geotextile</p> 
<p>Erosion Control Comprehensive Range</p> 	<p>Knotblock® Japanese Knotweed Barrier</p> 	<p>Tenax Soil Reinforcement Solutions</p> 
<p>Ekotex® Non Woven Geotextile</p> 	<p>Landlok Turf Reinforcement Mat</p> 	<p>Total Traffic Exopave Heavy Duty Paver</p> 
<p>Fiberforce® Equestrian Geotextile</p> 	<p>Nicospan Erosion Control</p> 	<p>Trinter Erosion Control Mat</p> 
<p>Fibertex Non Woven Geotextile</p> 	<p>Rhyno® Woven Geotextile</p> 	<p>Turfmesh Grass Reinforcement</p> 
<p>Flexitex Textile Shuttering</p> 	<p>RockBox Gabion Mattresses</p> 	<p>RootBlock Root Barrier</p> 