

# Case Study

## Total Traffic Exopave (TTE®)

### Chantry House



#### Location:

High Street  
Coleshill  
B46 3BP



#### Client:

Wilson (UK) Investments Ltd

#### Contractor:

Kelbec Civils Ltd



#### Merchant:

**WOLSELEY**

#### Installer:

Kelbec Civils Ltd

Geosynthetics Ltd were contacted in April 2019 concerning this project for a 25 bay car park intended for everyday business use. As Chantry House was a listed building and the area was already grass North Warwickshire Borough Council advised that any new surface should preserve that appearance.

The client wanted to view an existing reinforced grass installation first so this was arranged at the IM Group Academy. The site had been supplied with TTE by Geosynthetics for an access route that could be heavily used and was therefore further enhanced with block inserts. This appealed to the client as there were some reservations about reinforced grass and the use of TTE blocks to help make the surface more serviceable was appealing.

A drawing of the planned area was provided which showed an arc of surfacing running through the existing grass meeting the original car park at both ends. Blocks were proposed for the central roadway and strips located along each side of the grass parking bays. Geosynthetics were able to help with advice on the build up and installation of TTE for this surface combination.

The plans were approved early in 2020 and work was due to begin. However, due to unforeseen circumstances the start date was pushed back. It wasn't until August that a meeting could be arranged with the contractor, Kelbec Civils, to discuss installation. They were not familiar with the system so were pleased to talk it over and see a sample.

By October the work was underway and another visit was made to check that everything was going well. Assistance was provided with an overlay showing the TTE grid which helped make sense of where the blocks would go to form the arc. Although late in the year the seed germinated and by November a sward of green shoots had appeared. Once fully established the grass infill will satisfy the design brief but blocks will also make it usable in all weathers. Proving that with TTE you can create all your surfaces with one product.



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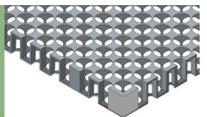
**2 in 1**  
Landscaping Fabric



**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



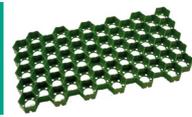
**Strataweb**  
Slope Stabilisation



**Bentotex® GCL**  
Geosynthetic Clay Liner



**Golpla**  
Grass & Gravel Paving System



**T-Block**  
Modular Retaining System



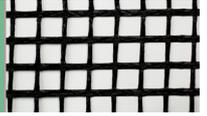
**Cellweb® TRP**  
Tree Root Protection



**Golpla Pregrown**  
Ready To Lay Paving System



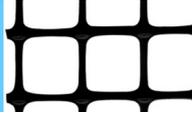
**Telegrid**  
Woven Polyester Geogrid



**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



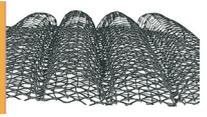
**Fiberforce®**  
Equestrian Geotextile



**Nicospan**  
Erosion Control



**Trinter**  
Erosion Control Mat



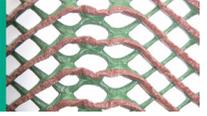
**Fibertex**  
Non Woven Geotextile



**Rhyno®**  
Woven Geotextile



**Turfmesh**  
Grass Reinforcement



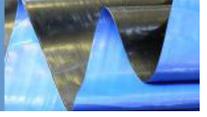
**Flexitex**  
Textile Shuttering



**RockBox**  
Gabion Mattresses



**RootBlock**  
Root Barrier




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IN PEOPLE

Bronze