

Case Study

Ekotex 14

Temple Farm



Location:

Ship Road
West Hanningfield
Chelmsford
CM2 8XB



Client:

Watch Tower Bible & Tract
Society



The new development at Temple Farm involved the redevelopment of an existing breakers yard and consisted of a new Head Quarters, accommodation and printing works for a community of Jehovah's Witnesses. The presence of soft underlying subsoils required the use of a geotextile to separate granular sub base material from migrating into the subsoils. In addition to the separation function the geotextile was required to provide an amount of reinforcement.

The clients designer had stipulated that a non woven geotextile should be used with a minimum tensile strength of 14.5kN/m and a puncture resistance of 2750N. Geosynthetics Ltd were able to propose the use of Ekotex 14 providing 16kN/m tensile strength and 2750N puncture resistance. The clients engineer considered the proposed product and approved its use within the development.

In addition to satisfying the designers requirements the offer from Geosynthetics also achieved the clients expectations for price and availability.

Geosynthetics carry large stocks of Ekotex Non woven geotextiles ranging from 6kN/m to 32kN/m and can normally distribute throughout most of the UK within 48 hours.



Ekotex 14 being installed



Ekotex 14 being covered by subsoil



Geosynthetics Ltd provided a cost effective solution and the Ekotex exceeded the specification. Their price and availability drove our decision away from alternative solutions.

Steen Lysgaard - Purchasing Department

Geosynthetics Limited
Fleming Road
Harrowbrook Industrial Estate
Hinckley
LE10 3DU

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



Geosynthetics

Engineered Solutions

WWW.GEOSYN.CO.UK

01455 617 139

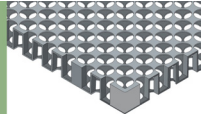
2 in1
Landscaping Fabric



Gas Membrane
Radon, CO2, Methane,
Hydrocarbon Control



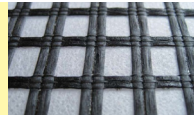
RoofCell
Sub Surface Drainage
And Water Storage



Alert®
Contamination Indicator



Geoglas®
Asphalt Reinforcement



Stratagrid
Soil Reinforcement Geogrid



AquaBlock®
Water Containment Liners



Geomembrane
Impermeable Membrane



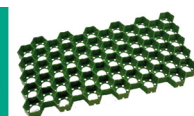
Strataweb
Slope Stabilisation



Bentotex® GCL
Geosynthetic Clay Liner



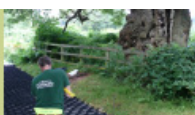
Golpla
Grass & Gravel Paving System



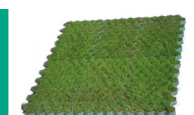
T-Block
Modular Retaining System



Cellweb® TRP
Tree Root Protection



Golpla Pregrown
Ready To Lay Paving System



Telegrid
Woven Polyester Geogrid



DuoDrain®
Composite Drainage Product



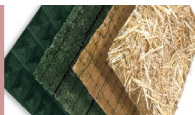
Interlock
Extruded HDPE Geogrids



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



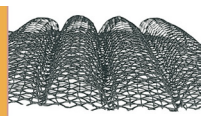
Fiberforce®
Equestrian Geotextile



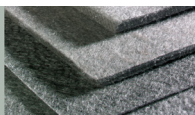
Nicospan
Erosion Control



Trinter
Erosion Control Mat



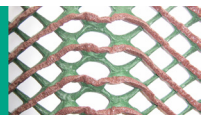
Fibertex
Non Woven Geotextile



Rhyno®
Woven Geotextile



Turfmesh
Grass Reinforcement



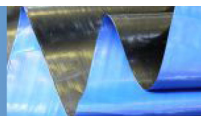
Flexitex
Textile Shuttering



RockBox
Gabion Mattresses



RootBlock
Root Barrier



INVESTORS
IN PEOPLE

Bronze