

Case Study

Golpla®

Royal Hospital Chelsea



Location:

Royal Hospital Road
Chelsea
SW3 4SR



Client:

Royal Hospital Chelsea

Contractor:

Willerby Landscapes Ltd

Installer:



The Royal Hospital Chelsea in London is a retirement and nursing home to the famous Chelsea Pensioners, some 300 veterans of the British Army. Situated on a 66-acre site, the Royal Hospital is a Grade I and II listed building and the appearance of this iconic London landmark is vitally important. As part of this upkeep it was decided that the gravel drive linking the East and West Road with Royal Hospital Road needed improvement.

Geosynthetics were first involved with this project in August 2016. Willerby Landscapes explained the key considerations to the project. With no storm drainage on site to connect to a SUDS solution that would provide high permeability was required. Percolation testing was done to determine the ground conditions, what was needed was a sub-base and surface to suit. In addition their client wanted a product which closely matched in colour the existing golden gravel surface dressing used elsewhere on the project. The black and green grids promoted by other companies were ruled out as being too visible.

Golpla® is the only product available in a Buff colour which enabled it to blend with the chosen gravel and be more discreet. As a gravel reinforcement the build-up would work as a SUDS system and cope with the camber and cross fall onsite.

A technical recommendation for the build-up was requested which our in-house engineers were able to provide. The build-up and colour were agreed by the client in October and Willerby confirmed that they would be starting on site in January. A meeting was held at the site in January 2017 and Geosynthetics provided guidance on the best way to install the Golpla® units and the bedding layer.

Golpla® has a proven track record for gravel reinforcement and was therefore able to provide the necessary reinforcement for the maintenance vehicles at the Hospital. In addition to strength and durability its range of colours made it ideally suited to this project. Work was completed in March and the new road compliments the beautiful architectural legacy left to us by Charles II and Sir Christopher Wren ensuring that this lives on into the future.



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"The Golpla product matched our engineering criteria, and met the clients' aesthetic expectations too – a perfect solution"

Rob Sperring - Willerby Landscapes



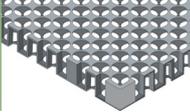
2 in 1
Landscaping Fabric



Gas Membrane
Radon, CO2, Methane,
Hydrocarbon Control



RoofCell
Sub Surface Drainage
And Water Storage



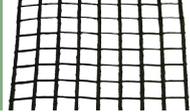
Alert®
Contamination Indicator



Geoglas®
Asphalt Reinforcement



Stratagrid
Soil Reinforcement Geogrid



AquaBlock®
Water Containment Liners



Geomembrane
Impermeable Membrane



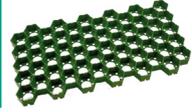
Strataweb
Slope Stabilisation



Bentotex® GCL
Geosynthetic Clay Liner



Golpla
Grass & Gravel Paving System



T-Block
Modular Retaining System



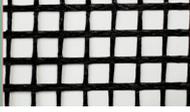
Cellweb® TRP
Tree Root Protection



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



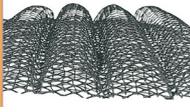
Fiberforce®
Equestrian Geotextile



Nicospan
Erosion Control



Trinter
Erosion Control Mat



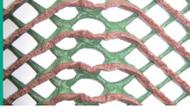
Fibertex
Non Woven Geotextile



Rhyno®
Woven Geotextile



Turfmesh
Grass Reinforcement



Flexitex
Textile Shuttering



RockBox
Gabion Mattresses



RootBlock
Root Barrier

