

Case Study

Strataweb 100mm

Reinforced Soil Slope



Location:

Middlewood Locks
Off Liverpool Road
Salford
M5 4ILS



Client:

Scarborough Group
International

Contractor:

Murraywood
Construction

Consultant:

Zerum Consult Ltd

We were contacted by Murraywood Construction as they required a cellular confinement system for a vegetated slope at the Middlewood Locks Development in Salford, Manchester.

Middlewood Locks is a unique waterside development creating housing, a place to work and local amenities including green space which started construction in May 2016. The full scheme will provide 2,000 new homes and more than 750,000 square feet of commercial space and extensive new public realm. The slope was to be part of a vegetated embankment adjacent to step access to a higher level of the development.



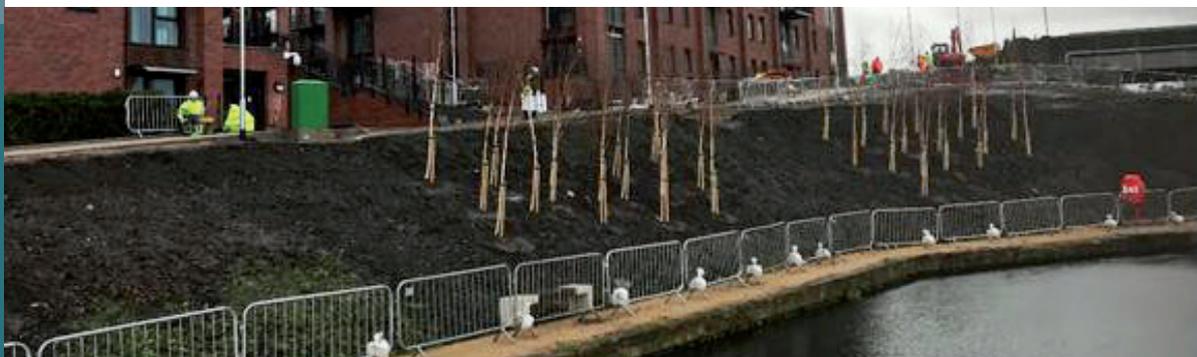
We proposed our Strataweb Slope Stabilisation System made from a high-density polyethylene (HDPE) that has been ultrasonically welded together which means that the system is very robust, yet extremely flexible. The Strataweb cells are perforated and textured for resistance and drainage. Strataweb confines the top soil inside the cells protecting the root zone layer during germination and allowing the vegetation to fully take hold. It works with the soil and vegetation to prevent erosion and increase stability resulting in an aesthetically pleasing slope.

Strataweb is readily available with delivery to mainland UK within 24-48 hours, along with a straightforward installation guide and pinning detail. Strataweb was ultimately approved and our in house engineers were on hand to answer any technical queries the customers had.

For advice on the construction of slope reinforcement please contact the Cellular Confinement team on 01455 617139 or email sales@geosyn.co.uk



Geosynthetic
Engineered Solutions
Fleming Road
Harrowbrook Industrial Estate
Hinckley
LE10 3DU
Tel. 01455 617 139
sales@geosyn.co.uk
www.geosyn.co.uk





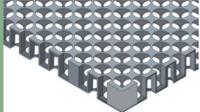
2 in 1
Landscaping Fabric



Gas Membrane
Radon, CO2, Methane,
Hydrocarbon Control



RoofCell
Sub Surface Drainage
And Water Storage



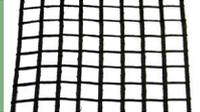
Alert®
Contamination Indicator



Geoglas®
Asphalt Reinforcement



Stratagrid
Soil Reinforcement Geogrid



AquaBlock®
Water Containment Liners



Geomembrane
Impermeable Membrane



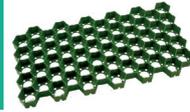
Strataweb
Slope Stabilisation



Bentotex® GCL
Geosynthetic Clay Liner



Golpla
Grass & Gravel Paving System



T-Block
Modular Retaining System



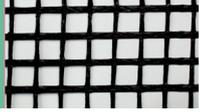
Cellweb® TRP
Tree Root Protection



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



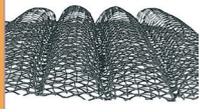
Fiberforce®
Equestrian Geotextile



Nicospan
Erosion Control



Trinter
Erosion Control Mat



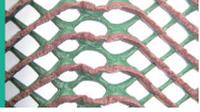
Fibertex
Non Woven Geotextile



Rhyno®
Woven Geotextile



Turfmesh
Grass Reinforcement



Flexitex
Textile Shuttering



RockBox
Gabion Mattresses



RootBlock
Root Barrier

