

## Case Study

# ARMORMAX®

## Mercedes Benz, Ashford



### Location:

Mercedes Benz,  
Monument Way,  
Willesborough,  
Ashford  
TN24 0HB



### Client:

Colas Group

### Installer:

Precision Cutting Ltd

**As part of an expansion at Mercedes Benz, Ashford a new vehicle storage area was being built. In order to create the required space for the vehicle storage area, an existing stream had to be diverted. To maximise the land gain the new channel was cut as close to the site boundary as possible.**

Colas Group contacted Geosynthetics Ltd to propose a solution that would maintain stability, provide erosion control, and facilitate the establishment of vegetation on the channel sides.

Having undertaken analysis of the slope it was concluded that Geosynthetics' ARMORMAX® solution would be the most suitable. Detailing and installation of the solution was complicated by the lack of space beyond the crest for an anchor trench, the channel having already been cut, access only being available to one side of the channel and water being present in the channel.

To ensure a quality installation that was fit for purpose was achieved, and also so as to not impact on the construction programme, Colas decided to appoint specialist installer, Precision Cutting Ltd to install the ARMORMAX®. Although it was decided not to specifically seed the slopes, as can be seen from the photographs vegetation quickly started to establish from wind-blown seeds.



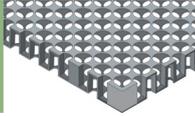
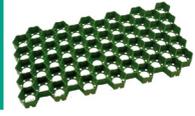
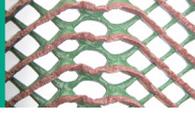
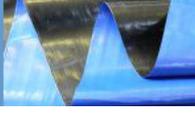
ARMORMAX® is an independently tested engineered earth armouring system comprising PYRAMAT, a High Performance Turf Reinforcement Mat, and Percussion Driven Engineered Earth Anchors. The two elements work together to lock soil in place and protect against hydraulic and non-hydraulic stresses providing a dynamic erosion control and surficial slope stabilisation solution.



Geosynthetics Limited  
Fleming Road  
Harrowbrook Industrial Estate  
Hinckley  
LE10 3DU

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



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



**INVESTORS IN PEOPLE** | Bronze