



**Tensar Case Study** Ref 202

# Lorry Park Cumbernauld, UK, May 2007



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## BENEFITS TO CLIENT

Tensar TriAx overcomes marshy ground to create transport facility

## THE PROBLEM

The project needed a marshy area of waste ground to be converted to an operational and parking area for the heavy goods lorries of a transport company

## THE SOLUTION

An unbound construction of the local blaise (colliery spoil) and multi-layers of Tensar's new TriAx geogrd was designed using TensarPave software - the latest version to represent the improved stabilisation effect when compared with Tensar biaxial geogrids.

## PROJECT DESCRIPTION

Providing mechanically stabilised layers over marshy and organic soils has now become commonplace use of Tensar biaxial geogrids. These platforms provide a serviceable installation for haul roads, wind farm access roads and a variety of operational areas for hardstanding for operational areas and parking. With the introduction of TriAx, the opportunity was offered to the designer/specifier to gain experience of a revolutionary new type of geogrid developed specifically for stabilisation applications.

The project proceeded routinely and it was observed that the first layer of blaes on the geogrid firmed-up very satisfactorily and provided good initial support to the fill delivery activity – even though the ground surface was very uneven in this type of project. When a second geogrid and blaes layer were installed, the stabilised layer was very stiff.



The Engineer comments, 'We at Fairhurst & Ptns have called upon Tensar geogrids for over two decades. In this case, we were pleased to let the technology come forward and we are satisfied with what we have seen'.

## CONTRACT DETAILS

Specified by:

W A Fairhurst & Ptns

Contractor:

Leith [Scotland] Limited

Client:

ARR Craib [Haulage] Limited



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