

Tensar mechanically stabilised layer solves weak ground issues



Stranoch 2 Wind Farm

Dumfries & Galloway, Scotland

Tensar®

A Division of CMC

CLIENT'S CHALLENGE

Weak-ground that included significant amounts of peat in some areas.

PROJECT DETAILS

Application

Unpaved Roads | No. 518

Constructed in
2024

Client
EDF Renewables

Consultant
Tony Gee & Partners

Contractor
I H Brown

CLIENT DRIVERS

Savings in materials used.

TENSAR SOLUTION

Mechanically Stabilised Layer (MSL).

Temporary Access Roads.

Comparison of cross section for non-stabilised vs Tensar MSL solution

Non-stabilised



Stabilised with
Tensar InterAx geogrid



BENEFITS

- Enabled client to overcome planning issues relating to the management and construction over ground with significant amounts of peat
- Tensar innovative design method adopted to help client achieve savings in aggregate
- Approximately 688,200kg CO2e (37%) savings in carbon emissions

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