

Mechanically stabilised working platform provides site savings for Manchester facility



Cryogenic Energy Storage Facility BESS (50MW)

Carrington, Greater Manchester

CLIENT'S CHALLENGE

Low strength PFA subgrades encountered on site.

High piling rig loads anticipated.

CLIENT DRIVERS

To ensure a cost effective and technically justified working platform to allow safe piling operations.

TENSAR SOLUTION

A Tensar mechanically stabilised working platform incorporating Tensar InterAx geogrid.

Tensar®

A Division of CMC

PROJECT DETAILS

Application

Working Platform | No. 519

Constructed in

March 2025

Client

Highview Power

Consultant

Spencer Group

Contractor

W. Mayer and Sons Ltd.

Cross section for stabilised Tensar geogrid solution



Stabilised with Tensar InterAx geogrid.

Stabilised with Tensar InterAx geogrid.

B E N E F I T S

- **14% construction cost savings** compared to non-stabilised solution
- **49% savings in construction time**
- **52% reduction of CO₂** construction emissions compared to non-Tensar solution

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