Tensar® InterAx® optimises a platform for student accommodation – big savings for the builder

Griffith University Village Expansion

Griffith Way, Southport, Australia

Tensar
A Division of CMC

CLIENT'S CHALLENGE

As part of the expansion works for this project, piling operations were required but the low strength soils encountered on site meant the working platform needed to support the piling rigs was proving expensive. The contractor had used Tensar before and so approached them for a proposal to reduce the amount of imported fill and the time required to install the platform.

TENSAR SOLUTION

A project specific working platform design was developed using the innovative T-Value approach for a mechanically stabilised working platform incorporating Tensar InterAx geogrid. This reduced the platform thickness by 200mm from the original design whilst maintaining platform bearing capacity requirements to allow piling operations to be successfully completed saving around seven days construction time. Piling operations and other site excavation works were not hindered by the presence of the Tensar InterAx geogrid.

PROJECT DETAILS

Constructed in
September 2024

Client
Griffith University

Contractor
Built

Consultant
Butler Partners

Product
Tensar InterAx

Clean excavated trench through Tensar InterAx.

Working Platforms | No. 533

BENEFITS

- **Reduce platform thickness by 200mm** without compromising the platform performance
- **Reduce environmental impact** with less material import
- **Lower construction cost** by completing approximately 7 days in advance

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