Tensar saves a third off the crane pad to support a 554kPa crawler crane for this new hospital

InterAx Working Platform saves time and money

Toowoomba, Queensland

CLIENT'S CHALLENGE

Contractor had to build a suitable working platform to sustain a large DEMAG 2800 crawler crane with a 554kPa load, over a variable subgrade as low as 40kPa (2% CBR).

TENSAR SOLUTION

Instead, a Tensar Mechanically Stabilised Layer using multiple layers of Tensar InterAx geogrid reduced the platform thickness by approximately 31% compared to the non-stabilised design. The crane operated successfully, and the contractor saved hundreds of tonnes of fill and days of construction time.

"We are often confronted with geotechnical situations where the inclusion of some form of geogrid reinforcement offers significant project benefits. The resources that Tensar provide in this area and the knowledge they have of their products and how they work are extremely helpful."

Mike Neighbour | Principal

Butler Partners Pty Ltd, Australia

Tensar®
A Division of CMC

PROJECT DETAILS

Application
Working Platform | No. 557

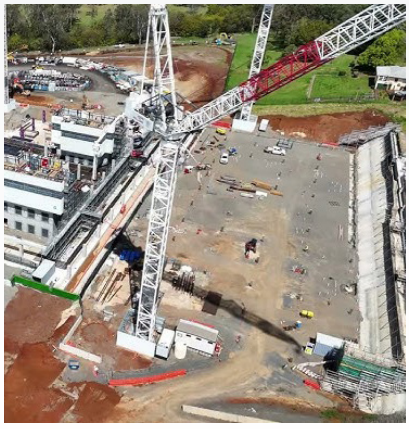
Constructed in
August 2025

Client
Darling Downs Health, Queensland Department of Health

Consultant
Butler Partners

Contractor
John Holland Group

Product
Tensar® InterAx®



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