

Tensor 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 Tensor Mechanically Stabilised Layer using multiple layers of Tensor 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 Tensor 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

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PROJECT DETAILS

Application

Working Platform | No. 557

Constructed in

August 2025

Client

**Darling Downs Health, Queensland
Department of Health**

Consultant

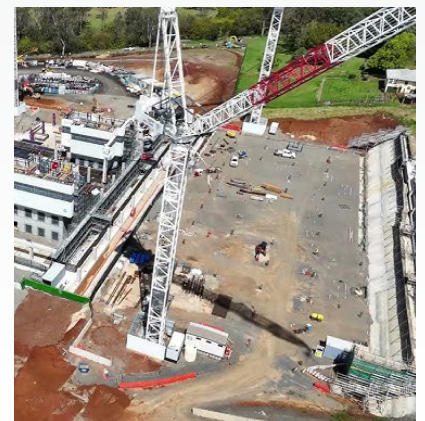
Butler Partners

Contractor

John Holland Group

Product

Tensor® InterAx®



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