

Deep rut no more with Tensar® InterAx®



Arcadia Retirement Village, Yeronga

70 Park Rd, Yeronga, Australia

CLIENT'S CHALLENGE

Over a soft clay subgrade, a laden dump truck failed a proof roll, causing severe rutting up to 500mm on the platform of a new retirement village being constructed. The contractor was resigned to remove and replacing the earthworks, but the geotechnical consultant sought alternatives.

TENSAR SOLUTION

The geotechnical consultant recommended a mechanically stabilised layer (MSL) using 2 layers of Tensar InterAx geogrid – 1 at the base and 1 mid-way. Contractor only had to dig out 500mm worth of material to reconstruct the platform, saving 300mm fill material and several days of construction.

B E N E F I T S

- **Less earthwork required** with mechanical stabilisation, saving 38% of fill material
- **Speedy platform repair** and saved several days of construction

Tensar®

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PROJECT DETAILS

Constructed in
Jul 2024

Project Owner
Retire Australia, JGL

Consultant
Butler Partners

Product
Tensar InterAx



No deep rutting was observed on the stabilised platform.

Working Platforms | No. 537

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