Powerlink Training Facility

Tensar supports a tower pad for Southern Hemisphere's largest power training facility

Rocklea, Queensland

CLIENT'S CHALLENGE

Powerlink needed to build a pad to support a transmission tower, over a weak 3% CBR subgrade, described as 'swampy' by the client. This is part of a facility to train future workers in the Energy industry – a vital workforce sector to deliver reliable, sustainable power to Queensland.

TENSAR SOLUTION

The contractor installed a Tensar H-Series geogrid directly on the soft subgrade and then placed and compacted a granular layer on the geogrid. The resulting Tensar Mechanically Stabilised layer achieved the required bearing capacity, passing a proof roll as required. They found the installation process very straightforward and would recommend it for future use.

> "We faced a swampy, low CBR subgrade. Installing Tensar HX was very straightforward, and we achieved desired bearing capacity to pass a proof roll. Would be happy to use it again!."
>
> **Ryan Jackson | Project Manager**
> Vikcon Construction Services, Australia

Tensar CMC

PROJECT DETAILS

Application
Proof Roll | No. 560

Constructed in
January 2026

Client
Powerlink

Consultant
Aurecon

Contractor
Vikcon Construction Services

Product
Tensar H-Series

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