



SUPPLEMENT FEED STORAGE BUNKER

T PANEL BUNKER WALLS AND FLOORING SYSTEM

PROJECT

The client approached Bowers, being the specialist in feedout bunkers in the Waikato. With much consultation on feed types and amounts, the Bowers team calculated a suitable Bunker construction that would satisfy the clients growing farming needs. Our specialist team visited the site on numerous occasions working with the client and excavation contractors to ensure the site ground work was accurate and ready prior to delivery of the Bunker Walls. This project required 2 different size bunkers to allow the storage of both maize & grass silage side by side in the same operational area, this would cut down the time & movement of farm staff & machinery

DESIGN

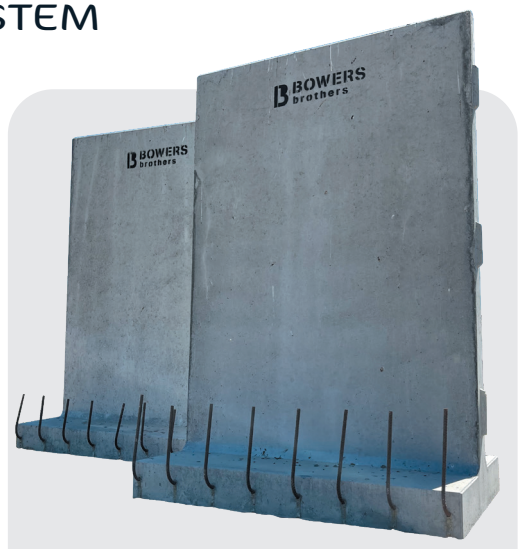
Consideration was required when designing the Feedout Bunker surrounding, containment per tonne of supplement feed, moisture leakage from the feed which could compromise the composition of the concrete, general wear and tear from heavy machinery also the potential growth if needed to extend the bunker in the future. 30mpa concrete was used with the addition of microsilica to harden and protect the surface of the concrete. liquid runoff was channeled towards the containment area, working with the concrete layer this was achieved.

INSTALLATION

Installation of the walls took a total of 2 days including delivery. Once the walls were assembled and the joints were sealed using sika 11fc the bunker floor was poured in two stages. The Bowers team were onsite for the entire installation process. Using precast T panels is quick & safe, this system allows the bunker to be built & loaded with product in under 30 days.

The T Panel Bunker Walls and Flooring System provided the following benefits to the project:

- ✓ An effective way of storing supplement feed on dairy farms
- ✓ Cost savings by storing supplement feeds in a contained bunker there is less wastage
- ✓ Time savings, making loading supplement feeds less labour intensive than traditional covered stacks
- ✓ A comprehensive supplement feed bunker adds value to the dairy unit



CONTRACTOR

Bowers Brothers Concrete Ltd

SUB-CONTRACTORS

Vaughan Cook Builders & Richard Trench Concrete

CLIENT

Ross Torrens

LOCATION

Number 2 Road, Waitoa

PRODUCT USED

T panel Bunker Walls and Flooring System



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