

# rural sector

Stresscrete has had a long and successful partnership with the rural sector having precast a variety of products for farm use.

Farming operations can provide some of the toughest tests for any building materials.

Precast concrete offers a robust, durable solution.

Stresscrete precast concrete is:

- Able to withstand damp conditions without any deterioration
- Robust - able to withstand abrasion caused by animal and vehicle traffic.
- Hygienic - precast pits and walls can be hosed down and thoroughly cleaned leaving a superior clean surface.

Stresscrete manufactures:

- Farm bridges

- Silage/maize bunkers
- Cow shed pits
- Precast panels for cowsheds

## FARM BRIDGES

Stresscrete bridges are designed to be permanent and safe structures. All our bridge decks are specifically designed by our in house engineers to suit the client's span and loading requirements.

We recommend a local consulting engineer be engaged to design the foundations, carry out any site investigation necessary for a building consent application and take overall design responsibility for the bridge and associated road.

Our farm bridges are built with the same attention to detail and quality of workmanship as our motorway bridges.

With a Stresscrete farm bridge you are investing in a quality, permanent, durable bridge.

## SILAGE/MAIZE BUNKERS

Our modular system allows Stresscrete silage bunkers to be customised to each client. Our precast panels are designed in 3m long modules ranging from 1.8m to a maximum of 3m in height.

The buttresses are made in accordance with the finished height.

The precast units are manufactured in our factories and delivered to the farm for the customer or contractor to install. A concrete floor is poured to complete the structure and provide a weather-tight seal to ensure minimal nutrients are lost.





### **COWSHED/COWSHED PITS**

Stresscrete can produce precast panels in a variety of sizes for cowsheds.

Concrete is advantageous because of its durability, and the ease of cleaning up after milking.

The cowshed pits are modular – 800mm high, 1800mm wide internally and 2000mm long. They are cast so as to provide the farmers with a non-slip surface.

### **CATTLE STOPS**

Stresscrete manufactures modular concrete cattle stops

– each unit is 1800mm x 1800mm and are designed so the farmers can place them using a tractor.

We recommend two units placed alongside each other to create a 3.6m wide x 1.8m deep entrance way.

The cattle stops are easy to install – we recommend placing the units straight on to a flat surface with aggregate placed to create ramps.

These are permanent structures that will withstand truck crossing and restrain any cattle.

Top left: A Stresscrete modular cowshed is available in a variety of sizes.

Top right: Curved wall panels lead the stock into the shed.

Bottom left and centre: Precast milking pit with raised texture finish providing a permanent non-slip working area.

Bottom right: Office and machinery are all contained in the rear of the low maintenance precast building.