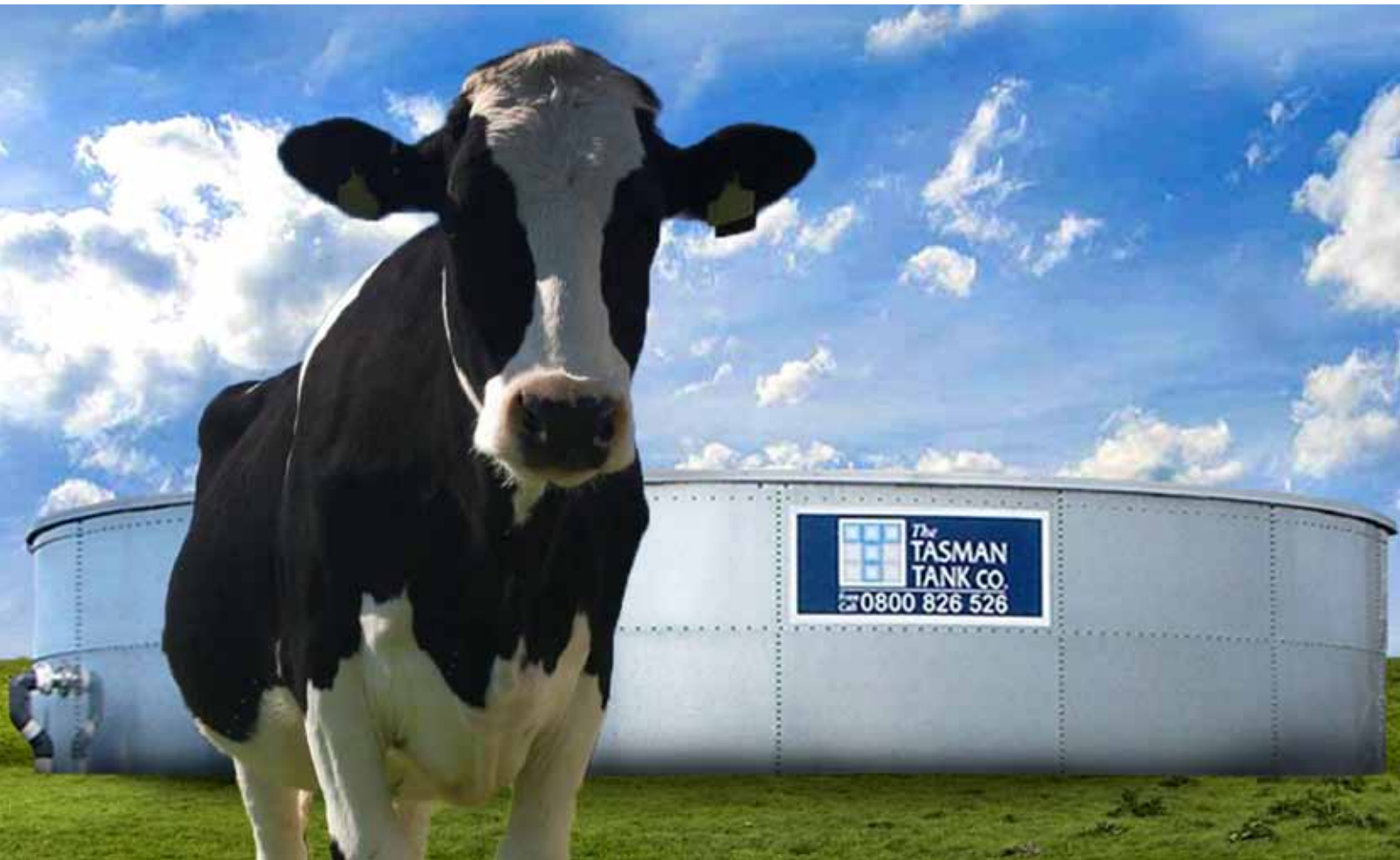


the
**TASMAN
TANK CO.**

DESIGN ■ FABRICATE ■ CONSTRUCT



The Tasman Tank Co. is pleased to present our effluent storage solution for the Dairy Industry.

Our company objective is “quality tanks and storage solutions at competitive prices”.

‘FOR THE FUTURE OF OUR ENVIRONMENT’

Tasman Dairy Effluent Technical Data

The Tasman Tank Co. has been designing, fabricating and constructing storage solutions for over two decades. Our galvanised steel, bolted, modular products are fully engineered and are recognised as industry leaders in many fields including Dairy Plants (Fonterra, Synlait Milk, Open Country Dairy, Westland Dairy and Marika Dairy), Wineries, Town Water, Municipal Sewerage, Mining and Fire Protection. **Tasman have now engineered an on-farm effluent storage tank for the NZ Dairy Industry.**



15 YEAR WARRANTY

Non-liner tanks and methane capture vessels also available

Standard sizes from 300m³ to 4000m³

Designs can be undertaken up to 25,000m³

The Tasman Dairy Effluent Product:

- Galvanised steel compression wind girder
- Galvanised steel wall panels
- Galvanised M12 fasteners
- Mechanically fastened internal containment liner
- 0.75mm flexible polyethylene (LLDPE) containment liner. Other liners available on request
- Engineers Producer Statement (PS1) supplied
- 2@100mm Inlet/Outlet fittings supplied
- Embedment of wall sheet into bedding sand by 50mm to prevent rodents damaging internal liner
- Wall fasteners protrude past nut to allow installation of 'hot-wire out-rigger cleat'

Tank Foundations

Experience has shown us that large concrete slabs crack and leak over time, as such our engineers have 'designed-out' the need for concrete.

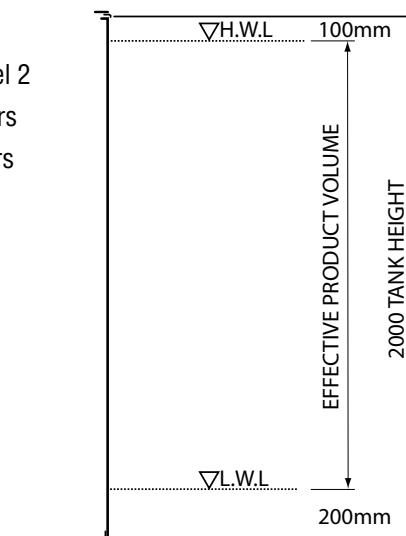
Anchoring for wind and earthquake overturning is provided by residual water, in tank. Earth anchors available for additional peace-of-mind and when 200mm residual cannot be maintained.

The tank to be placed onto 50mm of clean bedding sand on a level surface and founded on 'good ground' in accordance with NZS3604:2011. The landowner to undertake this soil preparation and placement of bedding sand.

Engineering Design Criteria

- AS/NZS1170.0 Importance Level 2
- Design-life (structural) - 50 years
- Design-life (durability) - 25 years
- Wind Speed – 45m/s
- Terrain Category 2
- Subsoil Class D
- Seismic Hazard Factor Z=0.41

Proud members of:



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