



**ARE YOU 100%  
COMPLIANT WITH  
YOUR EFFLUENT?**



**WEEPING WALL**  
EFFLUENT SEPARATION



**ARCHWAY GROUP**  
NUTRIENT CONTAINMENT

0800 ARCHWAY | [www.archway.co.nz](http://www.archway.co.nz) | 

# HOW IT WORKS

**TWO CONCRETE BUNKERS** are built side by side. The first bunker is filled through an open diversification gate with Farm Dairy Effluent (FDE) from the shed, yard, feed pad and surrounds.

After six months the inlet is swapped over and the second bunker is filled, leaving the first one to dry out. The effluent fibers from the solids, assisted by gravity carry out the separation process.

After another six months the first bunker is ready to be emptied and can be cleaned out with a digger and muck spreader. The inlet is swapped over again and the process is repeated.



Six months after installation we provide free nutrient testing through Hill Laboratories.

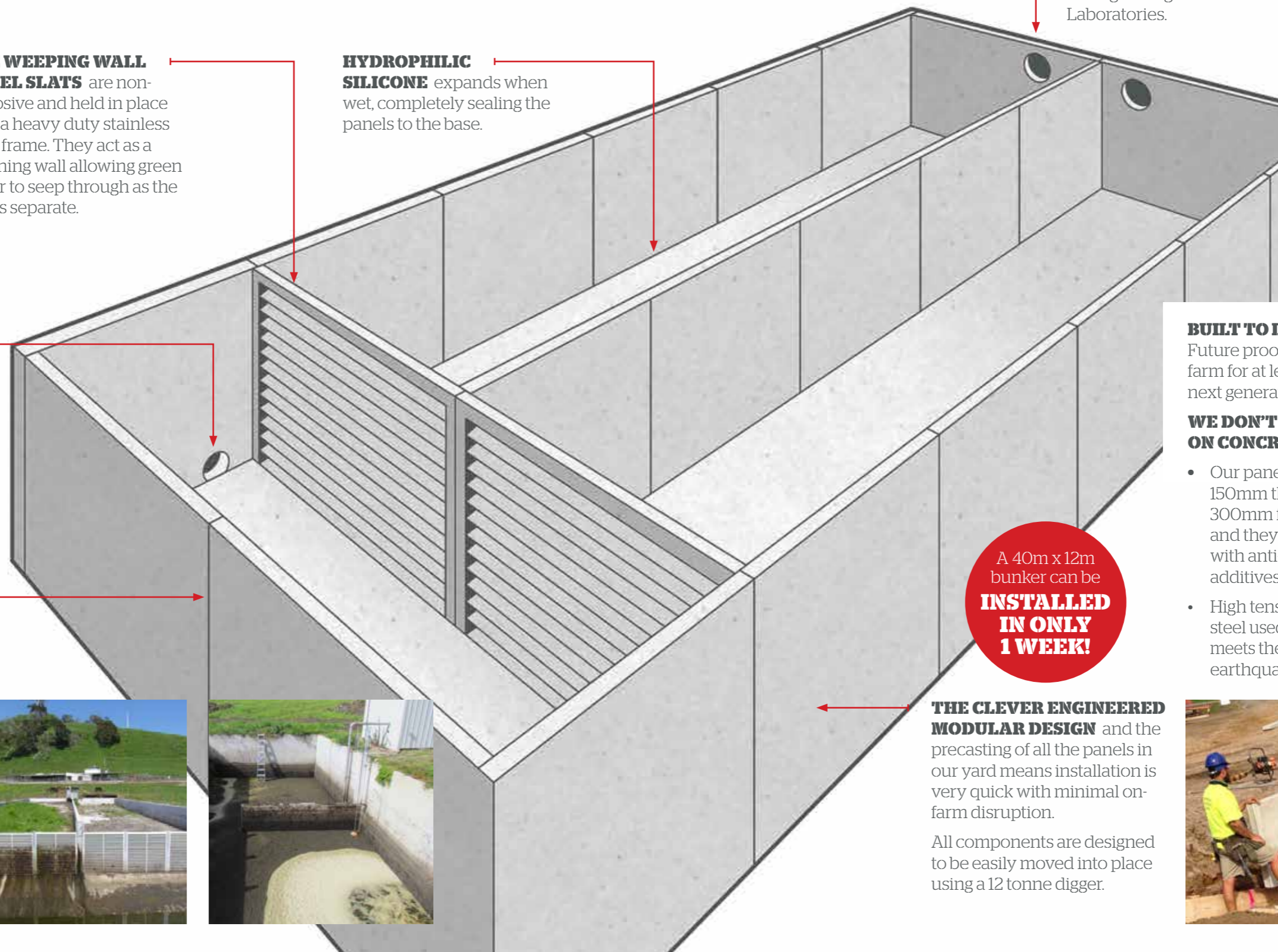


**THE WEEPING WALL PANEL SLATS** are non-corrosive and held in place with a heavy duty stainless steel frame. They act as a retaining wall allowing green water to seep through as the solids separate.

**HYDROPHILIC SILICONE** expands when wet, completely sealing the panels to the base.

**GREEN WATER** is sent from the Weeping Wall to the storage pond. From the pond you have more control over your irrigation application rate because you can use smaller nozzles. You can also conserve water by recycling it to wash down your yard.

**100% SEALED** joints are achieved using a fit for purpose system including primer and chemical resistant silicone.



A 40m x 12m bunker can be **INSTALLED IN ONLY 1 WEEK!**

**THE CLEVER ENGINEERED MODULAR DESIGN** and the precasting of all the panels in our yard means installation is very quick with minimal on-farm disruption.

All components are designed to be easily moved into place using a 12 tonne digger.

**BUILT TO LAST**  
Future proof your farm for at least the next generation.

**WE DON'T SKIMP ON CONCRETE**

- Our panels are 150mm thick with 300mm footings and they are made with anti-corrosion additives.
- High tensile ductile steel used throughout meets the latest earthquake standards.



A Weeping Wall is a passive, non-mechanical, solids separation system:

- Low maintenance
- No moving parts
- No day to day labour

**Beats mechanical systems by more than 50% on annual running costs.**



# WHAT DO OUR CUSTOMERS THINK?



The effect the Archway weeping wall has had on this farm is fantastic. It's taken away all the hassles that we had previously with effluent and it's management...

The investment of putting in the Archway weeping wall means we future proof the farm because as a Maori Trust we're here for ever...

Water conservation is a key reason why we went with the weeping wall system...

I'd definitely recommend Archway to other trusts, and why I say that is that they have a professional team, they've got a fantastic product.

One of the main benefits for us for the Archway weeping wall is that its non-mechanical and requires no day-to-day labour...



## CRAIG KUSABS

Chairman  
Tumunui Lands Trust

## DAIRY FARM

- Wilson Road South, Rotorua
- 1200 cows, 480 Hectares

## ARCHWAY PRODUCTS

- 58m x 12m Weeping Wall



**WEeping WALL**  
EFFLUENT SEPARATION



**ARCHWAY GROUP**  
NUTRIENT CONTAINMENT

0800 ARCHWAY | [www.archway.co.nz](http://www.archway.co.nz) |