

STORMWATER DETENTION AND RE-USE

/ SAVES TIME, SPACE AND MONEY!



Aquacomb is an innovative detention and re-use system designed to manage rainwater and stormwater for New Zealand buildings. Aquacomb is a series of interconnected water storage pods that are located within a concrete slab or under the driveway, path/patio, deck or even the lawn!

Having your water stored completely out of sight means there's more usable space for the home owner. Aquacomb is cost effective and in many cases less expensive than other detention and re-use systems.

With Aquacomb you have the ability to tailor the system to suit your needs. Whether it's to capture 250 or 250,000 litres, Aquacomb stores water, saves time, space and money.

/ BENEFITS

Easy to retrofit under piled houses, decks, or in lawns.

Invisible water storage. Aquacomb is completely hidden from sight meaning no unsightly above ground water tanks or pipe work.

The best solution for high invert levels, discharge to curb and rocky ground.

Ideal where tight sites preclude above ground tank or surcharge makes burying 'sausage' tanks expensive.

Simple, modular system means no large engineering costs and reduced trades.

Aquacomb can be used for both retention (re-use) and/or detention or potable water storage.

Lightweight and flexible plastic pods means Aquacomb is easy to carry, install, and can withstand earthquakes.

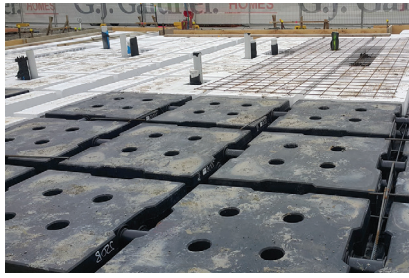
Stack up to three high under piled houses and/or decks.

Almost maintenance free when installed with silt traps and leaf slides

Aquacomb requires no additional excavation, earthwork, haulage or disposal costs

Aquacomb is extremely strong and can withstand 2 tonnes of distributed load

Flexible capacity from 250 to 250,000 litres



IN-SLAB



DRIVEWAY



PATH/PATIO



DECK



LAWN

Distributed in New Zealand under license from

TEXO
YOUR CONSTRUCTION PARTNER
By Stormwater Systems Ltd



GET A **FREE** POD LAYOUT TO SUIT YOUR SITE AND VOLUME REQUIRED – JUST SEND US YOUR PLANS.

We'll provide a layout in your location preference as well as a quote for supply (and install if required).

15 year warranty applies for Aquacomb pods subject to installation sign off. Full engineered specs available.

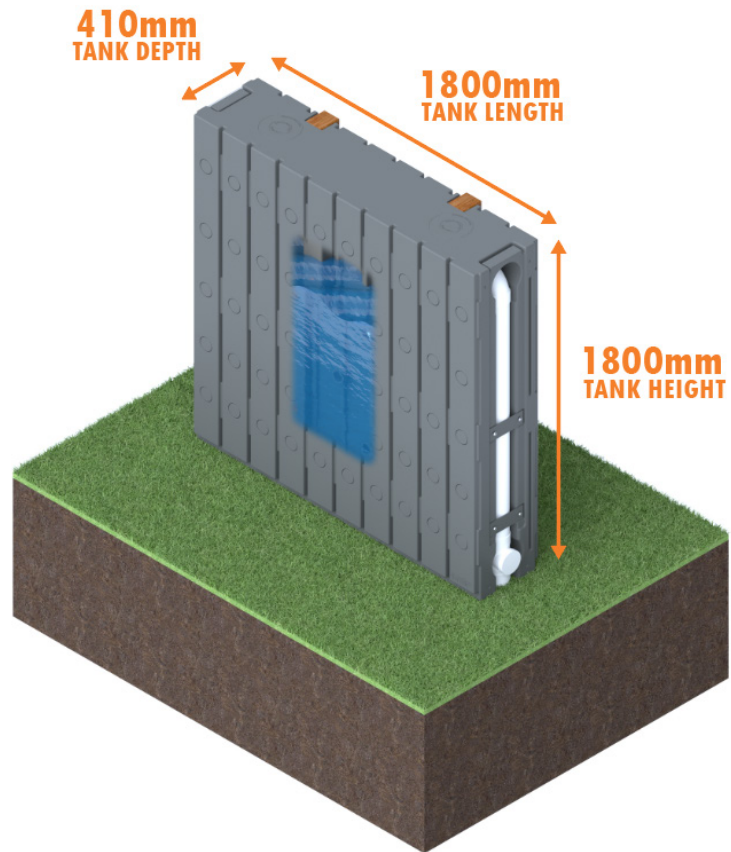
Full system assessment, design, supply and install available nationwide. Call us for more information.

INNOVATIVE, STYLISH, EASY TO INSTALL

/ SAVES TIME, SPACE AND MONEY!

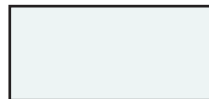
/ TANK DIMENSIONS

Single FenceTank Dimensions:
1800mm high x 1800mm long x 410mm deep
A single FenceTank holds 1,000 litres.

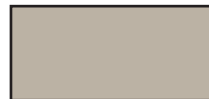


/ COLOUR OPTIONS

Four colours as stock (shown below), or go all out with our large range of colour options (minimum order 20 units & quoted cost).
Colour matched end panel sold separately.



TANK WHITE



BIRCH GREY



SLATE GREY



KARAKĀ

/ JOINED TANKS

3,000 litres – 3 Fence Tanks

Dimensions: 1800mm high x 5400mm long x 410mm deep



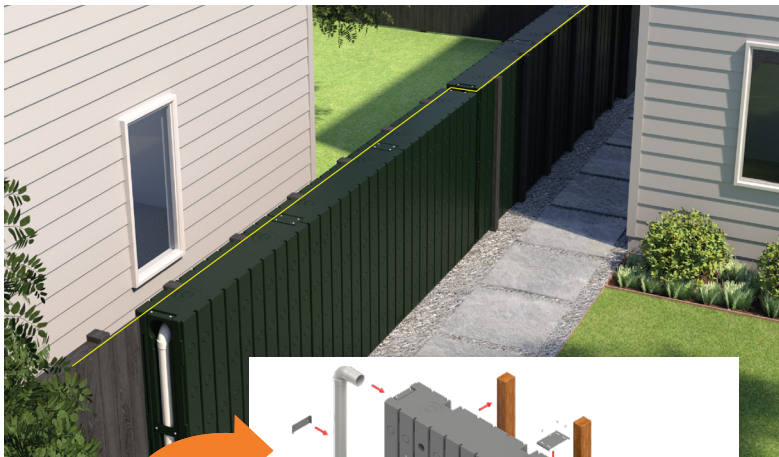
/ OFF-SET TANKS

Clever use of space by off-setting (dog legging) the boundary.

This avoids any issues around a requirement for easements and ensures each property has its tanks on its title, while minimising space occupied by the tank.

Picture shows 3,000 litres per property, just over 10.8 metres of length with 6 tanks in a row (3 for each property).

Effective loss of space on either property is just 205mm!



INSTALL &
JOINING KITS
AVAILABLE

SPECIFY THE FENCETANK!

Contact us for PSI and specifications for inclusion in your drawings. Easy to substitute from other unsightly or more costly above ground tanks. A range of pumps available depending on water use. Call us for details.

**FENCE
TANK.**

/ BENEFITS

Saves space – one of the narrowest above ground tanks on the market at only 410mm deep

Attaching to fence posts when on the boundary means they only encroach on side or backyard space by no more than 335mm

Quick and easy to install – do NOT require a concrete base. Just 4 coach screws to attach to fence posts (in most cases)

Attractive – for a tank! No ugly pipework or appearance above the fenceline, all pipework is hidden within the tank itself

Ideal for re-use systems - Tank grade plastic allows for potable water or stormwater

Can be joined together for a seamless installation (3 tanks = 5.4 lineal metres)

Fence can run seamlessly up to the tanks. Rails and pailings can be attached to posts behind the tank to protect 'other side'

FenceTank meets code requirements for building on boundary. Contact us for more details

Four colours available: Tank White, Birch (light) Grey, Slate (dark) Grey, and Karaka. Other colours can be made to order - minimum quantity and lead time applies

Silo

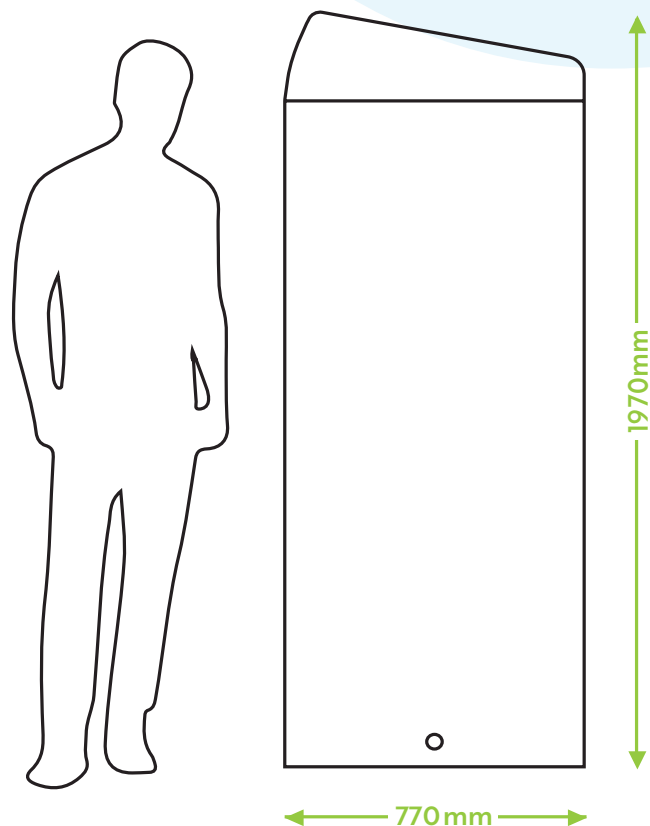


800L ABOVE GROUND TANK

/ SAVES TIME, SPACE, AND MONEY

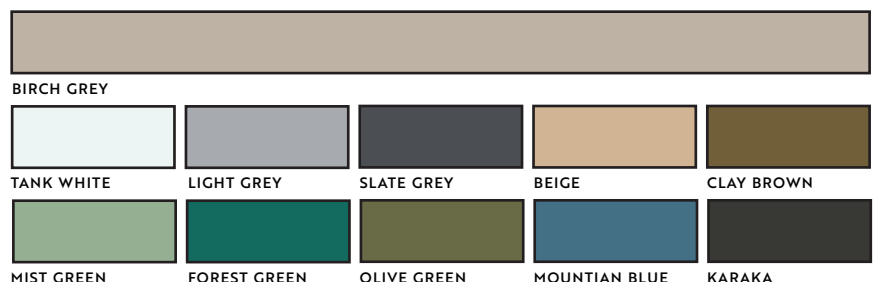
/ TANK DIMENSIONS

Single Silo dimensions:
1,970mm high x 770mm diameter
A single Silo holds 800 litres.



/ COLOUR OPTIONS

Birch Grey kept in stock, other colours available upon request.
Please Note: Printed colours will not be 100% accurate to tank colour.



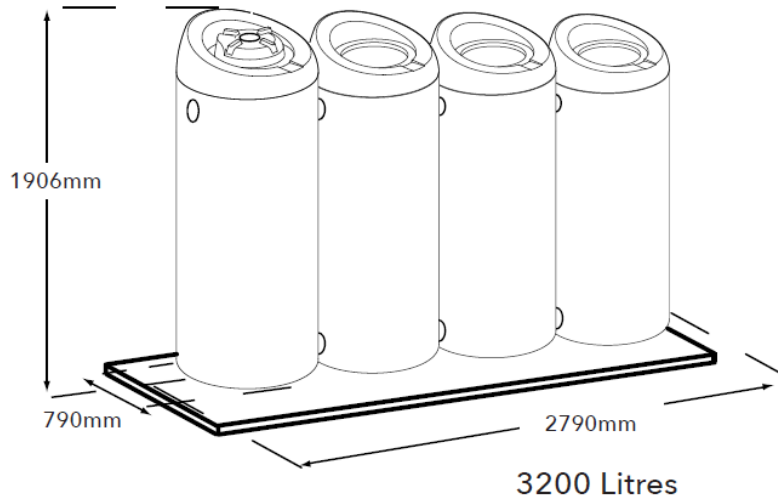
/ JOINED TANKS

Four Silo tanks - 3,200 litres.

Dimensions: 1,906mm high x 2,790mm long x 790mm deep

All Silo water tanks must be installed on a level concrete or compacted pebble slab. This slab must be at least 100mm longer and wider than the tanks.

E.g. Four joined Silo tanks require a concrete base at least 2,890mm long x 890mm deep.

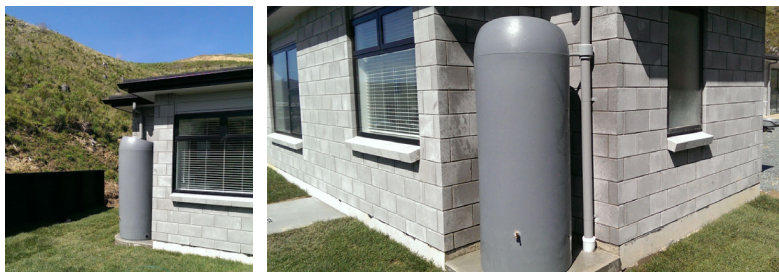


/ NEW ZEALAND MADE

Silo tanks are manufactured in New Zealand with tank grade plastic to withstand our harsh UV conditions. They are free of heavy metals, enabling an end-of-life recycling process! The tough polyethylene meets:

- AS/NZS 4020: 2002 Potable (Drinking) Water Standard
- AS/NZS 2070: Part 1 and Part 8 Australian Standards for Food Contact

This is great for a detention and re-use system as the water can be re-used for potable use.



SPECIFY SILO!

Contact us for PSI and specifications for inclusion in your drawings. Easy to substitute from other unsightly or more costly above ground tanks. A range of pumps available depending on water use. Call us for details.

Silo

/ BENEFITS

Saves space – one of the slimmest above ground tanks on the market at only 770mm deep

Join individual Silo tanks together to hold even more water. Four Silo tanks = 3,200 litres

Quick and easy to install – simple connection to an existing downpipe

Easy to fit in tight corners or down the side of the house

Built in leaf strainer and lid unit

Tank grade plastic enables for potable water or stormwater - Ideal for re-use systems

Tank 1 x 15mm leaf strainer and lid unit

10 year warranty applies to all Silo tanks

One colour available: Birch Grey. Other colours available on request (Tank White, Light Grey, Slate Grey, Beige, Clay Brown, Mist Green, Forest Green, Olive Green, Mountain Blue and Black). Other colours available by special request.

stormPANEL

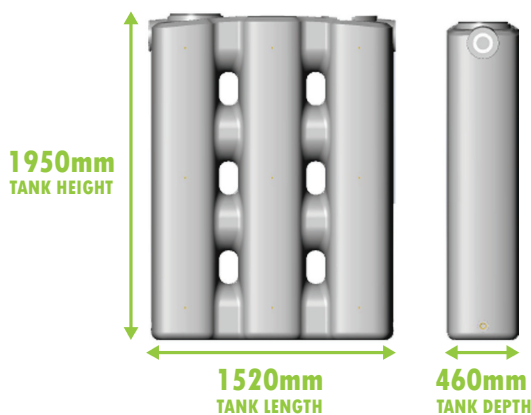
DESIGNED FOR EASY EXPANSION

/ VERSATILE. RELIABLE. STRONG. COMPLIANT.



/ TANK DIMENSIONS

Single 1,000L stormPANEL dimensions:
1,950mm high x 1,520mm long x 460mm wide



COMING SOON: Single 2,000L stormPANEL dimensions:
1,950mm high x 3,130mm long x 460mm wide.



/ EASY SPECIFICATION

stormPANEL is designed to AS/NZS4766 by independent engineers with generic seismic and wind restraint systems for New Zealand's most trying areas - PSI documents for restraints are available with all stormPANEL tanks.

/ COLOUR OPTIONS

Please Note: Colours will not be 100% accurate to tank colour due to printing and digital variations.



For more information
call 0800 22 09 09
watersmart.co.nz



/ DESIGNED TO BE SUSTAINABLE

stormPANEL tanks are manufactured from the highest quality polyethylene available which is ideally suited to our moulding technique giving long life and trouble-free service. The material is certified to AS/NZ4766:2006, AS/NZS4020:205, and AS/NZS 2070 so are suitable for potable water.

Polyethylene cannot rot or corrode and is UV stabilised for New Zealand's harsh environmental conditions. The manufacturing process produces zero waste of polyethylene and the product is 100% recyclable. At the end of its useful life, it can be returned to us to be recycled into other long-lasting products.

/ ULTRA SLIM DESIGN

When space is tight stormPANEL tanks are ideal for existing and new homes. The tanks are designed to not be seen and the ease of handling was part of the design process from the start.



TOP VIEW | 1,000L stormPANEL

/ stormPANEL COMPONENTS

PRODUCT	HEIGHT	WIDTH	DEPTH	WEIGHT
1,000L	1,950mm	1,530mm	460mm	60kg
2,000L	1,950mm	3,130mm	460mm	120kg
Restraint Pole Kit	2,250mm	75mm	50mm	30kg
Wall bracket restraint kit	-	-	-	2kg
50mm Multi-tank Connection Kit	-	-	-	-

Wall Restraint Kit

4x galvanized brackets, 4x M10 x 25mm bolts, 4x M10 washers



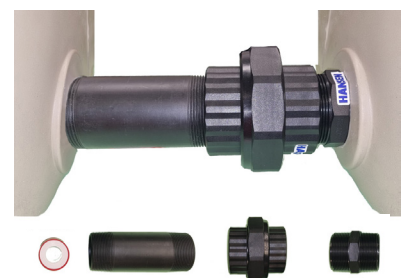
Pole Restraint Kit

4x galvanized 75x50mm RHS poles, 4x M10 x 75mm bolts, 4 x M10 washers. 2x Plastic end caps



50mm Multi-tank Base Connection Kit

50mm Hansen Union, 50mm Hansen nipple, 50mm x 150mm nipple, thread tape



/ BENEFITS

Saves space – one of the slimmest above ground tanks on the market

Quick and easy to install – simple connection to an existing downpipe

Extra 25mm outlets for orifice overflow points or garden taps available to add on

2x 50mm brass BSP outlet - one at each end

Tank grade plastic enables for potable water or stormwater - Ideal for re-use systems

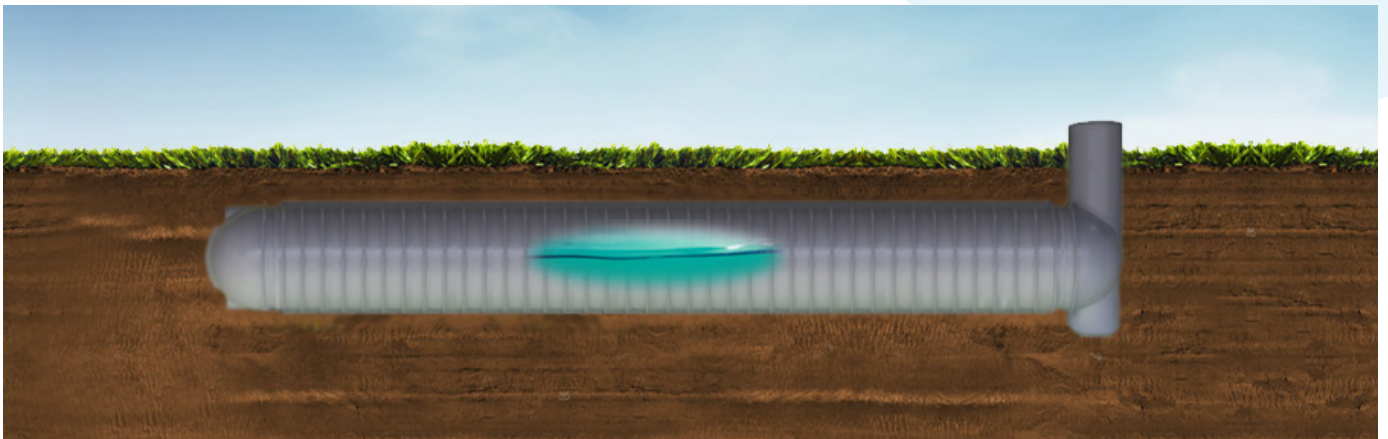
A 300mm lid is fitted for ease of inspection and cleaning

Designed with moulded in lifting lugs for certified shackles



NZ'S MOST COMPLIANT UNDERGROUND TANK

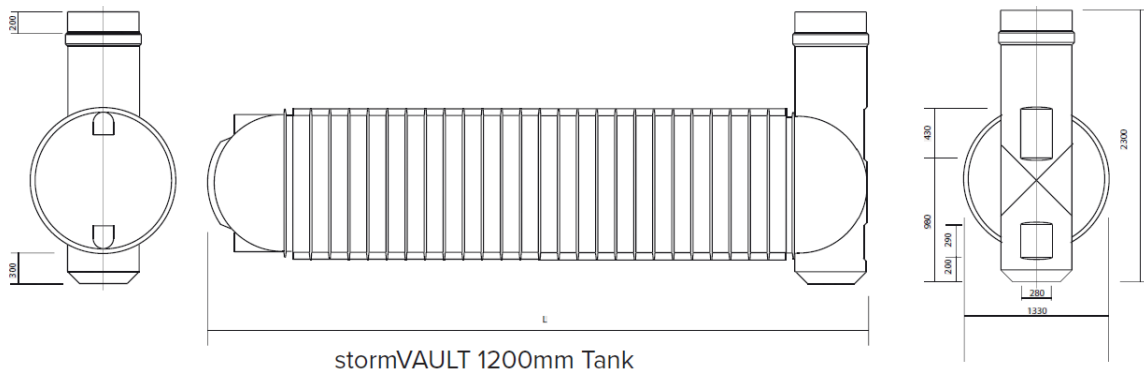
/ VERSATILE. RELIABLE. STRONG. COMPLIANT.



No matter where you need stormwater management – beachfront or hillside – stormVAULT tanks have you covered. The tanks have been designed and tested for the majority of soil types and water table conditions in New Zealand and are not reliant on surrounding soil structures for strength. They can be installed under lawn or concrete.

/ stormVAULT DIMENSIONS

VOLUME	LENGTH	WEIGHT
2,000L	2.3m	170kg
3,000L	3.2m	225kg
4,000L	4.1m	280kg
5,000L	5.0m	340kg
6,000L	5.9m	395kg
7,000L	6.7m	450kg
8,000L	7.7m	510kg
9,000L	8.6m	570kg
10,000L	9.5m	625kg



For more information
call 0800 22 09 09
watersmart.co.nz



/ DESIGNED TO BE SUSTAINABLE

Polyethylene cannot rot or corrode and is UV stabilised for New Zealand's harsh environmental conditions. The manufacturing process produces zero waste of polyethylene and the product is 100% recyclable. At the end of its useful life, it can be returned to us to be recycled into other long-lasting products.

/ EASY SPECIFICATION

The tank is the strongest design on the market and has achieved compliance to AS/NZS1546 Septic Tank Standard, ARMA COP15 Underground Tank Code of Practice, and verified by CPEng Engineers here in New Zealand. The material is certified to AS/NZS4766:2006, AS/NZS4020:2005, and AS/NZS 2070.



2,000L stormVAULT

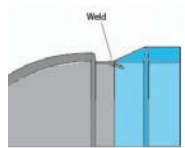
10,000L stormVAULT

/ QUALITY COMPONENTS



Solid Filled Rib Design

The unique solid filled rib design is superior in both design and strength to withstand the ground pressures that will be applied over the lifetime of the tank.



Unique Interlocking Jointing

The unique interlocking jointing system ensures there is no stain or reliance on the weld joints; welds are for sealing only – not holding together.



Heavy, Thick & Strong

We understand the demands put on products that go underground. For this reason, the stormVAULT is the thickest and heaviest product on the market and exceeds design standards.



Anti-Flotation Anchors

Made from high-quality products that include polypropylene restrains & 316 grade stainless steel fitting, these anchors will stand the test of time.

WARRANTY

All stormVAULT tanks come with a 15-year domestic warranty.



For more information
call 0800 22 09 09
watersmart.co.nz



/ BENEFITS

Saves Space – an underground tank means Kiwi's can use their backyard how Kiwi's should.

Unique design to increase strength and withstand the ground pressures that will be applied over the lifetime of the tank.

Built from environmentally friendly, long-lasting material

Designed and tested for the majority of soil types and water table conditions.

stormVAULT is one of the thickest, strongest, and heaviest product on the market.

Complies to a number of AS/ NZ Standards that other leading underground tank providers don't!

30 years of proven tank manufacturing quality

Designed with moulded in lifting lugs for certified shackles

/ LIDS

Standard garden lids are made from high-quality polyethylene with child resistant 316 grade stainless steel, ensuring the lid remains secure. 510mm internal opening offers easy access for inspection and maintenance.

Ductile iron lids (standard 600mm internal clearance). stormVAULT tanks are strong enough to be buried under domestic and commercial driveways and, as an option, can come with a ductile iron adaptor kit to adapt to a standard ductile iron lid.

