

Most environmentally friendly  
public toilet facilities

# Public Toilet Solutions

**ecoflo**  
wastewater management







## ABOUT ECOFLO

Ecoflo is a complete wastewater management solutions company. We can tailor buildings to suit your requirements, build to a budget and provide alternative finishes and designs as you require. Our toilet systems are certified to Australian & New Zealand Standard 1546.



## OUR CLIENTS





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With over 35 years proven track record, we can tailor buildings to suit your requirements, build to a budget and provide alternative finishes and designs as you require.

## Public Amenities - Toilets - Rest Rooms- Rest Stops

### ECOFLO COMPOSTING TOILETS

- Low starting costs, No pump-out costs
- Good for environment
- Uses little to no water
- Low maintenance
- Ideal for sensitive areas

**Capacity:** from 20 to 100 visits per day.



### REVOLUTIONISING THE BUILDING INDUSTRY

#### - Fibre Reinforced Plastic (FRP) Materials

The modular approach to our buildings gives our customers flexibility and variety when it comes to positioning, setup and installation.

If combined with a solar panel kit and water tank, our modular toilet buildings with composting toilet systems are some of the most sustainable and environmentally friendly toilet solutions in Australia.



### FRP BUILDING FEATURES



**Cost competitive**



**Non-corrosive & rot resistant**



**As strong as steel - Category 3 rated**



**Termite and vermin proof**



**High fire resistance**



**UV stabilised**



**Light weight & easy to manoeuvre**



## ON GROUND TOILET BUILDINGS

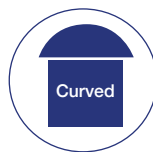
*Compact, durable and cost effective*

Our custom designed FRP framed building is simply a marvel in modern engineering and functionality. With a high strength to weight ratio fibre-reinforced plastic, these buildings are built to withstand the harsh Australian climate and are cyclone rated to Category C3 (withstand wind loading of 225km/h) so they can be used in most parts of Australia.

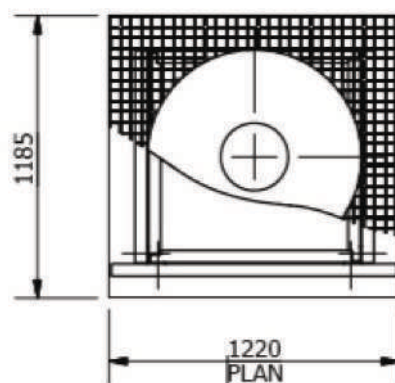
Suitable Composting Toilet System: **Kazuba STK**



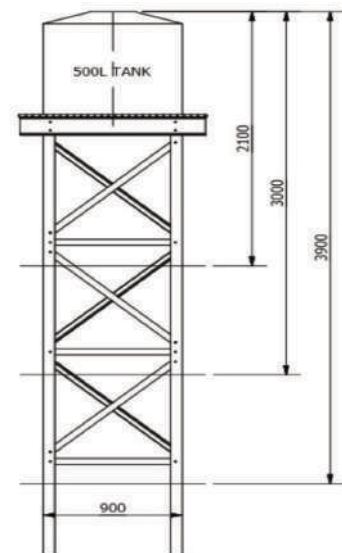
### ROOF OPTIONS



### TANK STAND



*Plan view 500L tank stand*



*Elevation view 500L tank stand*

### COMPLIANCE

- Ø Supplied with professional building and engineering drawings
- Ø Composting toilet as per AS/NZS 1546.2:2008

**SEPTEMBER 2018**



### FOXBAR FALLS

Stanthorpe Shire QLD

**Challenges:** With no sewerage system, campsite owners were keen to reduce their footprint with a solution that is easy to transport and assemble.

**Solution:** Attractive in its looks and appeal, the Kazuba and building combination were selected based on cost and the ease of installation and ongoing maintenance.

#### **Building from:**

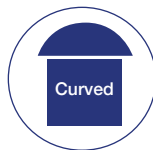
Single standard cubicle onground from \$6850+GST  
Single ambulant onground from \$7750+GST





## RAISED TOILET BUILDINGS

### ROOF OPTIONS



### ACCESS POINT

A.Left

B.Right

C. Front

### RAMP CONFIGURATION OPTIONS

A.Zig zag



B.Straight



C. Custom - client to specify

### TANK STAND - REFER TO PAGE 4

Suitable Composting Toilet System: **Clivus Multrum CM Tanks**

JUNE 2018



### BELLS BAY CAMP GROUND

Kyogle Shire NSW

Challenges: Previously there were two old pit toilets that were difficult to access and campers complained of odours.

Solution: The new facilities provide a much improved amenity for campers and day visitors to the dam, better environmental outcomes and greater accessibility.

#### Building from:

Double disable building with basement from \$26,447+GST plus cost of ramps

AUGUST 2018



### COOMBA FALLS

Burnett Shire QLD

Challenges: The environment called for toilets that would leave a minimal footprint on the land.

Solution: The composting process that our range of Clivus Multrum toilets provide is reliable, convenient and safe and are environmentally friendly and ecologically sustainable.

#### Building from:

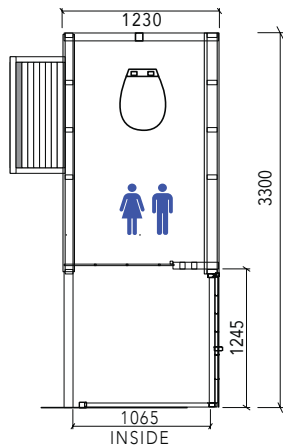
Single disable building with basement from \$20,140+GST plus cost of ramps



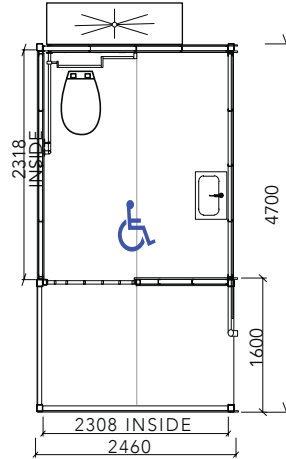


## FLOOR PLAN OPTIONS

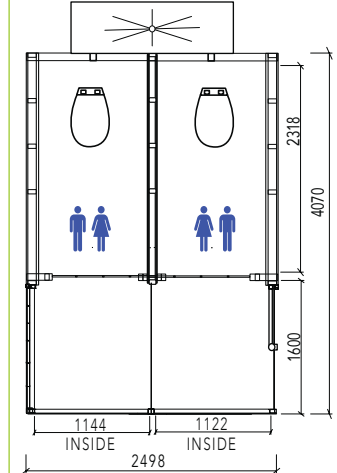
Single Cubicle



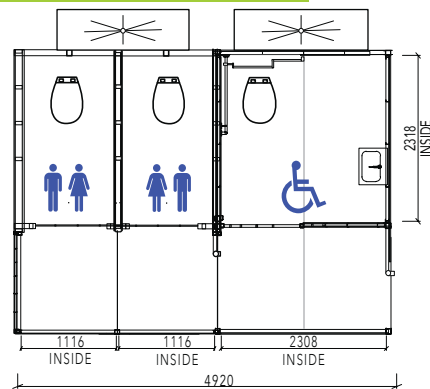
Single Disabled



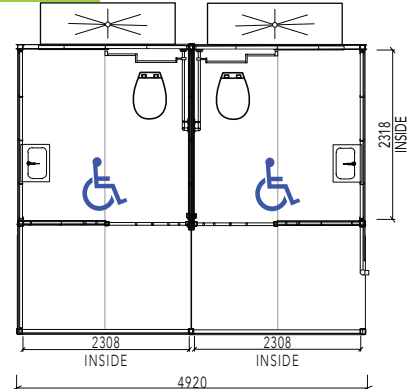
Twin Cubicle



Single Disabled + Twin Cubicle



Twin Disabled



4 Cubicles



**CUSTOM  
SOLUTIONS  
AVAILABLE**





## FURNITURE PACKAGES



### Standard Furniture Packages



- Stainless steel (S/s) hand basin (11 Litre)
- S/s push button pillar tap
- S/s mirror
- S/s single jumbo roll holder
- 1xUnisex sign
- S/s robe/coat hook
- S/s utility shelf

Also included are the wall noggins to fix sink to wall.

### Ambulant Furniture Packages



AS1428 compliant ambulant furniture package list of inclusions:

- S/s hand basin (11 Litre)
- S/s push button pillar tap
- S/s mirror
- Ambulant s/s grabrails left hand side (LHS) & right hand side (RHS)
- S/s double roll holder
- 1xUnisex ambulant sign
- S/s robe/coat hook
- S/s utility shelf

Also included are the wall noggins to fix grab rails & sink to wall.

### Disabled Furniture Packages



AS1428 compliant disable furniture package list of inclusions:

- S/s handbasin & s/s swivel lever handle tap
- S/s mirror
- Disable s/s grabrail & backrest (client to choose LHS or RHS options)
- S/s paper towel dispenser
- S/s robe/coat hook
- S/s utility shelf
- S/s double roll holder
- 1xUnisex disable toilet sign in braille

Also included are the wall noggins to fix grab rail & sink to wall.

### Shower Set Inclusions (Non-disabled)



- Molded fiberglass shower insert
- Hot & cold water taps
- Low flow shower head
- Shower floor waste & P trap assembly
- Length of 50mm DMV pipe
- Shower rail & curtain
- 1xUnisex sign
- Shower assembly\*
- Fixing plate for shower assembly

Also included are the wall packers & noggins for fixings.







## BUILDING COLOURS

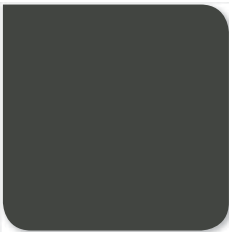
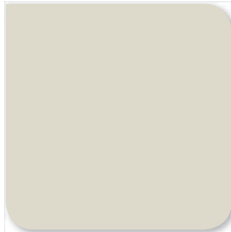
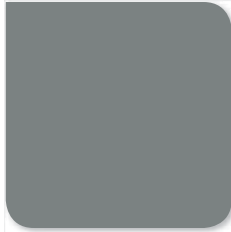

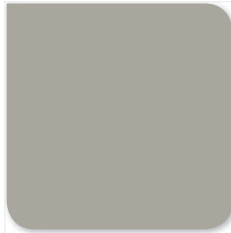
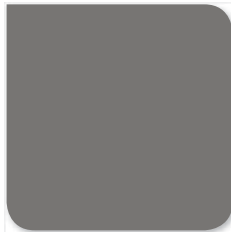
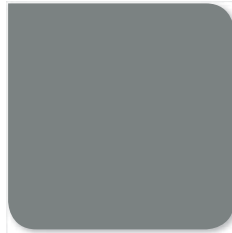

Your roof is protecting your most precious investments, your home and your family. You can be confident knowing COLORBOND® steel is versatile, lightweight, durable, and capable of meeting the changing needs of your lifestyle. Whether you live close to the coast or you're choosing a colour with energy-efficiency in mind, COLORBOND® steel can meet the needs that your home demands. Simply visit [colorbond.com/create](http://colorbond.com/create) to determine the most suitable COLORBOND® steel choices for your home.



**Colorbond®**

### INTERNAL COLOURS

### EXTERNAL COLOURS

<div>CLASSIC</div> <div>colour range<sup>1</sup></div>		<div></div> <div>WOODLAND GREY® ①</div> <div>SA = 0.71. BCA = D</div>
<div>CONTEMPORARY</div> <div>colour range<sup>1</sup></div>	<div></div> <div>SURFMIST® ① ⑤</div> <div>SA = 0.32. BCA = L</div> <div></div> <div>WINDSPRAY® ① ⑤</div> <div>SA = 0.58. BCA = M</div> <div></div> <div>MONUMENT® ①</div> <div>SA = 0.73. BCA = D</div>	<div></div> <div>DUNE® ① ⑤</div> <div>SA = 0.47. BCA = M</div> <div></div> <div>WALLABY™ ①</div> <div>SA = 0.64. BCA = D</div> <div></div> <div>WINDSPRAY® ① ⑤</div> <div>SA = 0.58. BCA = M</div> <div></div> <div>MONUMENT® ①</div> <div>SA = 0.73. BCA = D</div>

#### LEGEND

① Also available in COLORBOND® Ultra steel for coastal and industrial environments. All other colours are available in COLORBOND® Ultra steel on request, please speak with your supplier.

⑤ Also available in COLORBOND® Stainless steel for severe coastal and industrial environments. Please speak to your supplier for more information regarding availability. For further details on the legend, please refer to the back page.



## SOLAR PACKAGES

Ecoflo offers customised solar packages for either domestic/residential or commercial projects to reduce your energy bills and carbon footprint.

Our range of larger Custom Solar Packages are ideal for situations where lighting is required in either the building supplied by Ecoflo or your own and your composting toilet systems.

If heating is required please call us to discuss options.

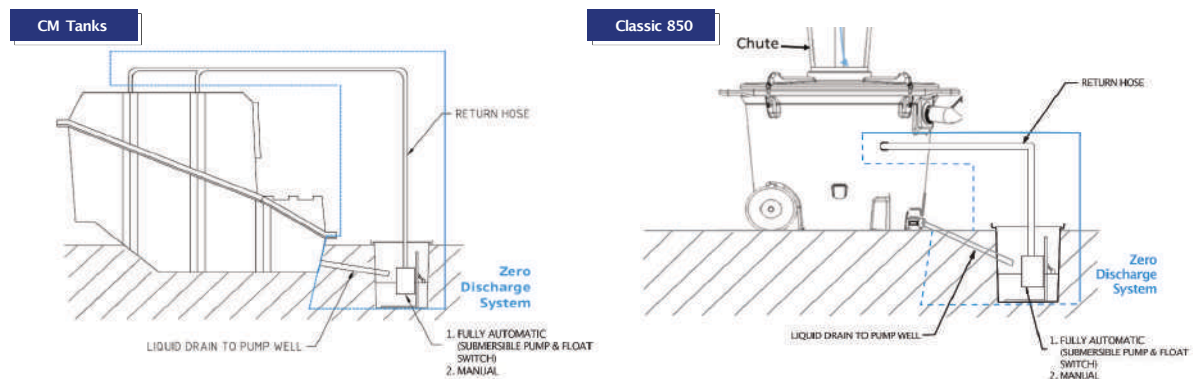


## ZERO DISCHARGE SYSTEM

The Zero Discharge System is a 'closed loop' system with 'nil' fluid discharge to the external environment. This is an ideal system for sensitive areas where conventional absorption trenches or evaporation trenches may not be suitable.

How it works:

Excess fluid from the composting chamber drains into a collection well. A pump (optional manual or electric) then recirculates the liquid back into the tank where it is consumed by bacteria, absorbed by the material in the tank or evaporated off because of the elevated temperatures.







## INSTALLATION SERVICE

We work closely with a number of builders familiar with our systems. Where practical, we can organise for a builder close to you to install the complete system. Alternatively, we will work with your nominated builder to ensure the installation occurs as efficiently as possible.



## CUSTOM DESIGNED FRP BUILDINGS ENQUIRY FORM

The Custom Designed FRP Buildings are simply a marvel in modern engineering and functionality. Please make a quick enquiry and we will get in touch with you to sort out the details of your requirements.

Name    
First name Last name

Phone

Email

Site Name

Site Address   
Street

City State

Postcode Country

Year-round or Seasonal Use ☐ Year-round ☐ Seasonal

Days and hours of operations

Type of use profile

Daily usage

Estimate number of customers on a peak day

Number of peak days per year

Specify the toilet fixtures required ☐ Yes ☐ Please provide us with a solution

Men's	<input type="text"/>
Women's	<input type="text"/>
Urinals	<input type="text"/>
Disabled	<input type="text"/>





Are there other toilet facilities  
available for use at this site

Number and type of potable or  
nonportable water fixtures  
required

Has an engineer done a site survey?

☐ Yes

☐ No

Type of soil

Any environmentally sensitive  
issues to address

What would you like to do with your Greywater on-site or off-site?

☐ Greywater reuse  
(irrigation)

☐ Greywater all-in-one  
treatment and discharge

☐ Connect to sewer mains (off-  
site discharge)

Is mains electricity available?

☐ Yes

☐ No

Is/will there a basement OR Is/will it a  
crawl space?

☐ Yes / Basement

☐ No / Basement

☐ Yes / Crawl Space

☐ No / Crawl Space

I am interested in:

☐ Single Cubicle Toilet Building

☐ Ambulant Toilet Building

☐ Single Disabled Toilet Building

☐ Twin Disabled Toilet Building

☐ Twin Cubicle Toilet Building

☐ Single Disabled + Twin Singles Toilet Building

☐ 4 Cubicle Toilet Building

☐ Custom\*

*Thanks for your time.*

PLEASE NOTE: Goods are typically delivered as a 'flat pack' and the client organizes installation. Everything has been cut to measure, pre-drilled, complete with all fasteners, construction plans and assembly instructions for easy installation. If you would like assistance with installation, please let us know.

If you need help completing these questions, need clarification or have any questions please let us know.