



System Capability  
**ECO STRUCTURES**

**WANT TO KNOW MORE?** [ecostructures.com.au](http://ecostructures.com.au)  
24 Marine Terrace,  
Fremantle,  
Western Australia, 6160  
+61 8 9193 8007

  @EcoStructures

# BRAND Story

**Australian-Owned | International team | Global Supply**  
165+ Projects | 18+ Countries | 3205 Tents Sold

Eco Structures Australia manufactures and supplies cost-effective, environmentally sustainable accommodation solutions, architecturally designed to enhance your guests sensory experience.

We go beyond the limits of conventional accommodation to help you deliver meaningful experiences to your guests. We have built for customers around the world, meeting the needs of diverse environments, climates and terrain, from the red coastal cliffs of Australia, to the jungles of Costa Rica, the sands of Oman to the mountains of China.

Our sustainable Eco Tents fuse the charm of 'roughing it' with the creature comforts of resort style luxury to change the way the world interacts with people and places. Each structure is built to exist in harmony with each site's natural environmental, and our modular approach offers you the flexibility to create accommodation in line with the experience you wish to offer.

Every resort development is truly custom. We give you the freedom to 'make your own' masterpiece by hand-selecting various components that match your vision, such as bath pods, decking, glass front doors, luxury fittings and more.



# OWNER Story



## Karl Plunkett

### DIRECTOR & OWNER

Karl Plunkett goes by many titles. A Developer, who established successful building company, Australian Eco Constructions, in 1996. An Owner, specifically of Eco Beach in Broome where he first commenced working on the prototype eco tents, eco modules and gazebos. But above all, he is a Discoverer; this drive lead Karl to building the Eco Structures modular construction methodology.

When others ask, "Are we there yet?", Karl asks "Where to next?". With a motto of building for the future, Karl draws on more than 25 years of building and construction experience matched with a proven ability to complete projects on time and within budget to understand the unique challenges of tourism developers looking for cost-effective solutions based on environmentally sustainable principles.

For Karl, designing Eco Structures is about seeing the world through the eyes of his clients in order to expose travelers to new experiences, teach life lessons, 'switch' off, disconnect, and reconnect with nature. It's all about reciprocal trust - by making people available, standing by his product and doing the right thing first time, Karl creates platforms to create powerful experiences that burn into traveler memories.

WABi Group was born in Fremantle, Western Australia. Our companies span the entire building process, from design, manufacturing & construction.



# TEAM Members



## Nick Parish

### R&D MANAGER

Nick leads our design team and develops and ensures the timely implementation of project schedules. He is involved in the set-up of estimates, the budgets and the construction timetable for clients and assists with the development and implementation of the construction strategy. Nick has extensive experience working in regional areas on indigenous and affordable housing projects, as well as major residential and tourism developments across the globe.



## Wing Hing Chong

### SENIOR ARCHITECT

Wing's approach to design is to create sustainable, confident Architecture that captures nature's offerings, ultimately delivering solutions that have the least harmful effect on the environment. He strives to find balance between functionality and aesthetics whilst continuously working with the client to ensure a result which exceeds their initial expectation within the project idea and budget.



## Madison Relf

### CREATIVE LEAD

Madison is our creative eye when it comes to all things design and architecture. Madison is primarily a designer of experiences, she thrives when engaging in small footprint, environmentally friendly and wellbeing-driven design. Her passion for design is reflected in her conceptualisation of projects from the initial design brief, 3D renders, through to the final design and construct drawings.



## Renan Senger

### HEAD MECHANICAL ENGINEER

Renan is the team leader for structural drafting and construction documentation at Eco Structures. Renan has extensive involvement in the engineering, manufacturing and fabrication of both WABi and Eco Structures products. Renan allows our systems to be prefabricated accurately, produce zero waste and permit rapid and effortless construction. He has an eye for new innovative processes and enjoys designing, developing, building and testing alternative engineering.



Eco Structures  
*PORTFOLIO*

# AWARD WINNING Projects

Over 30 years of construction experience.

Amaroo Escape, WA  
Aquila Glamping  
Barossa Valley Discovery Parks, SA  
Blue Wren Farm Stay, WA  
Budalong Lodge, NSW  
Camp Elena, US  
Cinnamon Bay, US  
CSR Tourism, NT  
Crowdy Bay Eco Resort  
Discovery Barossa Valley, SA  
Discovery Parks, Rottneest Island WA  
Drift Off Grid, NZ  
Eco Beach Resort, Broome \*\*  
Evamor Valley, NSW  
Everglades National Park, US  
Great Ocean Road, VIC  
Habitat Noosa, QLD  
Heavenly Waters, WA  
Karijini Eco Retreat, WA \*\*  
Lake Keepit StarGazer, NSW  
Leaders Creek Fishing Base, NT  
Lady Elliot Island Resort, QLD \*\*  
Lux Eco Retreats, Bahamas  
Magnetic Island, QLD  
Mercedes Cove Coastal Retreat, WA

Mutendele, Africa  
Mysk Moon Retreat, UAE  
Nest & Nature, SA  
Noosa Northshore, QLD  
Olio Bello, WA \*\*  
Oman, UAE  
Peninsula Hot Springs, VIC  
Pindering Eco Retreat, WA  
Rhino Lodge, NSW  
Rules Beach Resort  
Seafront Holiday Park, SA  
Sierra Escape, NSW \*\*  
Silversprings Cottage, WA  
Spicers Sangoma Retreat, NSW  
Straddie Camping, QLD \*\*  
Swell Lodge Eco Retreat \*\*  
Townsville Eco Resort, QLD  
Uptuyu Aboriginal Tours, WA  
US Virgin Is  
Vintree, China \*\*  
Wander, QLD  
Wildnest, NSW  
Willow Wood, WA  
Yeeda Kimberley Tours, WA  
Wuyagiba Study Hub, NT

Eco Structures have worked with multiple architects and international resort brands bringing diverse projects to life.



\*\* Multiple Award Winner

# WORLD HERITAGE & Class A Reserves



*Rottneest Island,  
Western Australia*



*Vinetree Honghegu  
Resort, China*



*Swell Lodge,  
Christmas Island*



*Lady Elliot Island,  
Queensland*



*Cinnamon Bay, US  
Virgin Islands*

# IMPACT Areas

We aim to proactively identify opportunities that will deliver long-term prosperity to our clients, staff, communities, lands we work on and the construction industry.

1

## Innovative Experiential Travel

Our philosophy is to provide a true quality connection to nature and remove the stress from everyday life. Through sight, hearing, touch, taste and smell, visitors can gain insight into natural untouched environments, and their biodiversity, history, culture and the customs of the people.



2

## Biodiversity Protection

Our Eco Anchor and Lift and Brace Kits are innovative concrete free foundation systems. They are environmental protectors, permitting minimal impact to the ground surface, the small footprint allows natural flora and biodiversity to be retained.



3

## Sustainable Design

Our system has unlimited flexibility, this permits designs to accommodate unique site features, topography, sun angles, cyclonic winds, accessibility, and future needs. We design for maximum volume with a minimum footprint.



4

## Carbon Footprint Reduction

We have designed a building system that can be entirely freighted flat packed. This reduces the carbon emitted through trucks, ships and large machinery needed to be used on typical construction projects.



5

## Waste Minimisation

Eco Structures tents have been sensibly designed for engineering efficiency. The entire system is optimised to reduce steel over usage and eliminate wastage on site. Every part is manufactured with extreme precision, is endlessly recyclable and has unbeatable durability.



6

## Reduced Inequalities

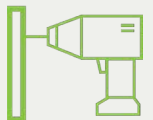
We are committed to co-designing with the community. We do this by ensuring all stakeholders are treated as equal collaborators, continual learning, understanding, and listening and engaging in community events and design forums.



7

## Promoting Skills Growth

Eco Structures simple construction process promotes new skills growth, increases labour jobs, stimulates the remote economy, and allows the communities to enjoy the job satisfaction of building their own home.



8

## Affordable Price Point

Less materials, minimal site works, minimal machinery and low trade skills all contribute to how we are able to achieve an affordable housing solution. We draw from the latest industry price standards and our combined building knowledge to ensure we are delivering our promise.



9

## Sustainable Materials Management

Our materials are durable, require little maintenance, create less waste and allow us to continue having a sustainable production line. We continually collaborate with and visit our suppliers factories to have assurance our suppliers reach business, quality, environmental and social standards. To measure and ensure strong supply chain transparency we rely on international third-party certifications.



10

## Quality Assurance

We are internationally certified to comply with the requirements of ISO 9001:2015 quality management system. We continually demonstrate we provide products and services that meet and exceed customer and regulatory requirements.





# MEMBERSHIPS & Accreditations

Our ongoing commitment to going above and beyond... For every project



We are proudly members of Ecotourism Australia, ensuring our products are certified and backed by a strong commitment to sustainable practices providing high quality nature-based tourism experiences.



Eco Structures has received ISO9001 accreditation for the 5+ years. This quality assurance assessment ensures our customers consistently receive high quality products and services.



We have an on going ESG Policy to access environmental, social and Governance impact areas. At Eco Structures and WAB Systems we believe this is critical to support and drive change.

# ADDED Services

With our affiliated companies we can provide more than just tents! The WABi Group spans over multiple services, helping our clients to create high end experiences with one point of contact.



A high quality, rapid and eco friendly patented building system designed for the tourism, staff accommodation and housing industries.



A residential and commercial window manufacturer. Specialising in Vantage by AWC Window Systems.



A construction company for over 30 years. Specialising in resorts, residential, government housing and commercial buildings.



A design and architectural service, offering design exploration, master planning, building approvals, render packages and interior services.



## Project Management

We partner with our customers at every stage of the process and are able to provide the following support services: Development of project schedules and budgets, resource estimating, building regulation and design approvals, expediting and procurement support, training of personnel, supervision and construction management.



## Master Planning

We specialise in designing flexible layouts to accommodate the site features, topography, sun angles, prevailing winds, accessibility and future needs. We will initiate discussion with local planning authority to confirm project suitability



## Council Approvals

We have a thorough understanding of the compliance requirements for the various types of applications of our product. Therefore, we can provide you with preliminary advice or manage the complex council approvals process on your behalf, allowing you to focus on the overall project and/or the operation of your existing facility.



## 3D Renders

We provide a range of 3d rendering options; as we believe through marketing campaigns a 3d render can significantly affect the success of a project. We work with our clients to ensure our visualisations fit within your overarching marketing strategy and project requirements.



Eco Structures  
*IMAGERY*



## PRIVATE LUXURY LODGE. AFRICA

\$2,000 AUD *per night*

55m2  
Custom Design Luxury Stretch Tent



**SPICERS RETREAT  
SYDNEY NSW**

\$1,500 AUD *per night*

6.3m Tents  
50m<sup>2</sup>



**PENINSULAR HOT  
SPRINGS. VICTORIA**

\$1,500 AUD *per night*

37m2  
5m Tent





MARRA MARRA LODGE.  
SYDNEY NSW

\$2,000 AUD *per night*

6.3m Tents  
50m<sup>2</sup>



**ZAMBEZI LODGE.  
AIRBNB**

\$1,000 AUD *per night*

115m2

Custom Design Luxury Stretch Tent







Eco Structures  
*PRODUCTS*

# OUR PRODUCTS



**The Pop Up Tent**

3.6M X 3.6M



**The Eco Tent**

3M | 4.2M | 5M | 6.3M



**Link Tents**

VARIOUS FLOOR PLANS



**Hybrid Tent**

7.4M x 5.5M | 10M x 5.5M



**Leaf Tent**

7.4M x 5.5M | 10M x 5.5M



**Star Gazer Tent**

6.4M x 6.4M



**Gazebos**

3M | 4.2M | 5M | 6.3M



**WABi Systems**

VARIOUS FLOOR PLANS



**WABi Staff Accommodation**

VARIOUS FLOOR PLANS

# THE ECO TENT

Range of Roof Fly options available based on climate and desired look.

Option to add sliding glass front doors

Balustrade kits available if required

Wood Plastic Composite Decking.

Hot dipped structural steel frames and purlins are easily assembled using semi-skilled manual labour.

Extension and brace kits for sloping and undulating ground.



Canvas or high tensile PVC Roof fly options.

Tent body RT 12oz Canvas (Main roof and walls), with insulated canvas available.

Canvas or canvas wrapped solid walls (Patented PIR Structural Wall Panel)

Add-on rooms for more space. These can be used as bunk rooms, storage, ensuite unit or kitchenette

Mesh Fabric (Windows and Doors)

Floor finish options. Including WPC decking & Vinyl Flooring.

Patented Eco Anchors are installed without the need for concrete or mechanical equipment





# CANVAS

Eco Structures' canvas supplier is one of the largest manufacturers and exporters of technical textiles from India. They are a professional, privately held, fast growing family run organization who are very proud of their extraordinary workforce of over 500 employees. Team members are young and committed towards making the best quality fabrics in the world.

Founded in 1974, they are specialized manufacturers of dyed, coated, waterproof, fire retardant and wax finished textiles. All products are designed to perform under tough weather conditions around the globe, all products comply with specific American, Australian, British Standards and other International Standards.

## WARRANTY

- 5 Year Limited Warranty
- Estimated life 10-12 years

## CERTIFICATIONS

- ISO 9001 Certified Quality Management System
- GOTS Certified - Global Organic Textile Standard
- REACH Compliant



**ROT  
RESISTANT**



**WATER  
PROOF**



**WATER  
REPELLENT**



**COLOUR  
FASTNESS**



**BREATHABLE**



**GREENER  
FOOTPRINT**



**FIRE  
RETARDANT**



# PVC ROOF FLY

Eco Structures' PVC Roof structures are all weather organic membranes that are manufactured for maximum functionality, reliability and longevity. Our fabrics have been tried and test for many years, making them the leading choice for tent roof fabric.

## KEY BENEFITS

- Easy to repair & clean outer layer
- Water repellent- ensuring quick run off and fast drying times
- Prolonged tent lifespan
- No weight difference after application

## QUALITY AND PERFORMANCE

- 100% Water Proof
- Mold & Fungal Inhibitor
- Fire Retardant
- Multiple Colours Available

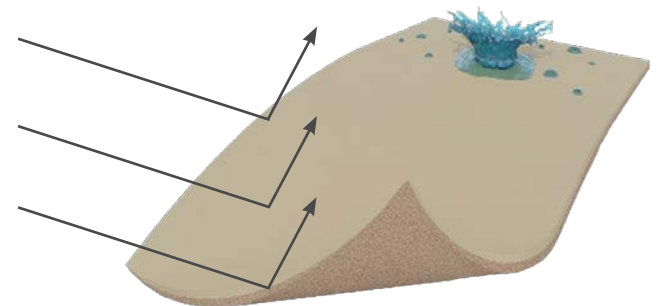


**UV RAYS**



**DIRT**

**RAIN,  
SNOW**





The Eco Anchor system allows our tents to be installed with ease in remote, undulating environments, without the use of concrete. It works by driving the four drive rods of the Eco Anchor into the ground using a pneumatic hammer.

# ECO ANCHOR

The Eco Anchor is patented technology that offers an innovative foundation system for our cabins and tents and eliminates the requirements for cast in situ concrete footings.

The Eco Anchor system has the following advantages:

## **EASE OF INSTALLATION**

Quick installation. No requirement for excavation plant or concrete materials.

## **GROUND SUITABILITY**

The Eco Anchor system can be installed in a range of ground conditions without ground leveling. Horizontal and vertical adjustment ensures buildings are installed level.

## **ENVIRONMENTALLY FRIENDLY**

Minimal impact to the ground surface combined with a relatively small footprint makes this an environmentally friendly foundation system.

## **COST EFFECTIVE**

Eco anchors can be installed at a fraction of the cost of conventional footings.



# STRUCTURAL STEEL

Eco Structures uses galvanised steel framework, making it extremely robust and naturally termite, mold, rust, rodent and mildew resistant.

Structural Steel has the following advantages:

## **STRUCTURAL INTEGRITY**

All of our products are manufactured to comply with the Building Code of Australia (BCA) standards and engineered to be capable of meeting the maximum cyclonic wind rating of Australia for any structure (Region D), and BAL 40 Flame Zone. This makes them the strongest structural system components currently available on the market.

## **DURABILITY**

All the steel components used are fully hot dip galvanised, giving our structures an unbeatable durability. Purlins are coated to Z350 w and upgraded to Z450 in marine locations.

## **SUM OF PARTS**

Our patented parts are transported separately and stitched together on site; using our customised installation assembly drawings.

## **MINIMAL WASTE**

There's no waste because all components are cut to length with computer controlled engineering.

## **WARRANTY**

Structural hot dipped galvanised steelworks: 10-year limited warranty, with an estimated life of at least 25 to 50 years Floor joist and bearers: Blue Scope Lysaght 200C: 10-year limited warranty, with an estimated life of 20 years



# LIFT KITS

The Eco Structures Lift & Brace kits are designed to provide strong, safe and levels bracing for the structures, independent of the site profile.

With the help of these kits, the Eco Structure system allows the client to customise their living experience, taking in previously unattainable views and expanding on their living space, regardless of the landscape limitations to conventional construction.

## **SIZES**

Our telescopic braces are available in three standard length of 1, 2 and 3m, which are further adapted and cut to the exact size required to fit the ground profile and to provide the desired elevation

## **PROFILES**

The Lift kits are available for square (BS), round (BR) and square & round (BSR) poles.

## **PROTECTION**

Lift and bracing kits are popular for those living in a flood zone. It protects the home from severe weather conditions, natural disasters and improper drainage.

## **EXPANSION**

Tent raising is an excellent way to not only build more space into your accommodation but also provide a space for you to stay cool during the hot summer months.





P1- Mid



P4- Dark

# BATH PODS

Bath Pods are prefabricated with impeccable detail throughout, from tiled floors, full height tiled walls and in a light, mid or dark tone colour variation. We provide 3 floor plans, our P1, P2- UAT & P4.

## **FLEXIBLE**

Prefabricated in a controlled environment to ensure workmanship meets the highest standards, the pods can reduce on-site installation time from months to a matter of hours.

## **EASY TO INSTALL**

Ready for simple on-site connections to water, drainage and power mains. Leaving minimal waste on site, with less on-site contractors and trades.

## **COST EFFECTIVE**

Factory built & quality assured bath pod units. Removes trades from site, increasing construction speed. Increased cost efficiencies when compared to on site construction

## **WORLDWIDE SHIPPING**

Developed to fit multiple inside a 40ft high cube shipping container.



# ADD ON'S

Eco Structures offers a range of fully customisable eco solutions, designed to exist in harmony with each site's natural surrounds. Make your own masterpiece, and enhance the guest's sensory experience with add-ons

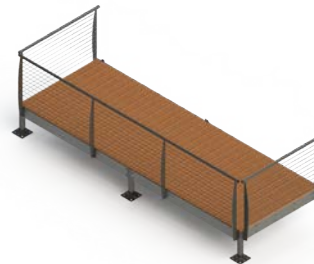
## LIFT KITS



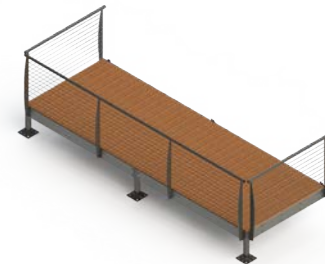
## STAIRS



## WALKWAYS



## BALUSTRADE



# Supply- INCLUSIONS

## PRODUCT INCLUSIONS

- RT12 Canvas Walls and Ceilings
- PVC Fly Roof / OR Stretch Roof
- Floor joist and bearers galvanised 200C
- Steel structural frame – hot dipped galvanised steel
- 1.8m front deck w/ WPC boards
- All fixing required for install.

## EXTRAS

- Glass Sliding Doors
- 2.7m front deck w/ WPC boards
- Balustrades
- Stairs
- Vinyl Flooring
- Eco Anchors
- Lift Kits
- Bath Pods

## SERVICE INCLUSIONS

- Warranties
- Architectural & Engineering drawings
- Additional architectural services (paid)
- Shipping support to your choice of port (additional charges)
- Local transport from port to site (To be advised as per country & project specifications)

## SERVICE EXCLUSIONS

- Import duties & clearance
- Connections to power, water and other infrastructural needs
- Land & Access- *Site preparation as per our suggestions*
- Local Labour- *Eco Structures can provide construction managers*

Please be advised Eco Tents are supplied to lock-up stage, all labour and installation is the responsibility of the client. This includes the necessary plumbing, electrical wiring, switchboard, fixtures, and fittings. Additionally, furniture, cabinetry such as robes and kitchen cabinetry, kitchen appliances, and connections to all required services must be arranged by the client.

## WARRANTY



### Floor Joist and Bearers- Blue Scope Lysaght 200C

10 Year Limited Warranty

20 Year Estimated Life



### Hot Dipped Galvanized Structural Steel Frame

15 Year Limited Warranty

25-50 Year Estimated Life



### RT12 Canvas

5 Year Limited Warranty

10-12 Year Estimated Life



### Flooring WPC External Board

5 Year Limited Warranty

10 Year Estimated Life



Eco Structures  
*PROCESS*

# Typical Eco Structures *PROCESS*

You are **HERE**

1	Identify full project scope		-	Business vision, architecture & design, rooms & facilities, pricing, brief formation.
2	Formal quote developed & supplied		<b>1-2 month/s</b> <i>Variable due to clients variations</i>	Select one of our tent options and go through sketch design and development with our team
3	Project Specifications Signed		-	Drawings can only begin after the deposit has been paid 10% deposit
4	Drawing Process		<b>1 week</b> <i>Variable due to clients variations</i>	Formal Architectural drawings supplied with all requirements for the project including final colour selections & specifications
5	Manufacturing Drawings		<b>1-2 month</b>	Once we have received deposit we will proceed with engineering & manufacturing drawings
6	Manufacturing		<b>6-8 weeks</b>	Our Freight & Logistics team will keep you updated with emails and phone calls
7	Shipment		<b>4 weeks</b>	Computerized tracking systems and any paperwork you need for the duties & Taxes.
8	Delivery to site		<b>Variable</b>	Remote areas may require longer delivery times due to limited accessibility.
9	Installation		<b>4 days+ (per unit)</b> <i>Approx variable on local skills. Multiple tents can be installed simultaneously.</i>	Assisted online / on-site, depending on what your project requires

90 - 120 days

**10% deposit**

*Drawings can only begin after the deposit has been paid*

**40% progress claim**

*Manufacturing drawings can only begin after the progress claim has been paid*

**40% progress claim**

*Shipment can only begin after the progress claim has been paid*

**Final 10%**

*The final 10% is to be paid on arrival to your nearest port*

# RAPID DELIVERY

## Manufacture and Supply

Due to the modular nature our system, components can be delivered from stock or rapidly fabricated by our tried tested suppliers. We have agreed suppliers that we have worked with over a number of years and we deliver products under our ISO 9001 accredited quality management system.



## How will your delivery arrive?

Eco Structures have a highly efficient packing systems to ensure that multiple modular structures can be packed into a standard size sea container. Either unpack your delivery at the port or transport to your property in a sea container. Canvas components will arrive in a protective cloth bag and typically each structure and components are strapped and packed to a recycled wooden pallet so it can conveniently be forked lifted into position. Please note each and every order will have specific requirements subject to size, location and logistics, our team will work with you to ensure an efficient, safe and punctual delivery.



## Shipping

Once you have placed your order we will assist with the delivery of our products to your front door. We initially will provide you with a quotation to your nearest major port in your country and help sort through the logistic with you. The order process could not be more simple we have 30 years' experience of shipping internationally using trusted Marine Freight companies.



# INSTALLATION

## Installation Time Frame

In some cases, our team install our tents in 2 days with 2 workers. Installation times will vary depending on the model, add-ons, site conditions, builder skill level, number of builders and weather. We can advise on this once we have a full brief on your project.

## Local Trades

Assembling the Eco Structures -patented components is considered effortless, much like a flat pack, every element has been meticulously engineered to work in unison. Using the provided customised installation assembly drawings and the Eco Structures teams' assistance, local builders can piece the structure(s) together at remarkable speed.

## Eco Structures Site Management

Eco Structures can provide comprehensive Site Supervision and Construction Management service to help in training and managing semi-skilled local workers in the installation of our luxury glamping tents. Our expert team will oversee every aspect of the installation process, ensuring a high quality project. We charge \$1000 a day for a Eco Structures trained construction manager to train installers and to provide site supervision (This price does not include hotels, flight (s), transport and food).



# Frequently Asked *QUESTIONS*



## LEAD TIME

90-120 days to Manufacture  
4 weeks Shipping  
2-4 days to Install



## LIFE SPAN

Each component of our Eco Tents have different lifespans. The structure is designed to last a lifetime, with canvas, decking and PVC replaced accordingly.



## FOUNDATION OPTIONS

Choose our patented Eco Anchors as a solution for eco friendly footings. Or, where rock is present, concrete footings may be the solution.



## CARE & MAINTENANCE

The maintenance required for Eco Tents is minimal. Store bought products can be used to clean any marks.



## REPLACEMENT PARTS

We offer replacement canvas panels, decking and roof flys for when there is a need. Just remove the current panel or part and replace with a new panel.



## TERRAIN OPTIONS

With our lift kits we can install our Eco Tents on any terrain. From the side of a hill, to over looking a lake. We have the solution you need.



## HEATING & COOLING

Our Eco Tents can be heated or cooled with split system air conditioning, or a fireplace for the cooler climates.



## HURRICANES/ WIND & FIRE RATINGS

Our Eco Tents are rated to 81mph-155 mph winds. The structure itself is designed to for hurricanes. They are also internationally fire rated.



## SUB FLOOR SYSTEM

Our Eco Tents include decking and a steel sub floor, allowing for standard electrical fittings and waste management. Their elevated design also makes maintenance easier than traditional construction.





# ECO STRUCTURES

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A company of The WABi Group



W A B I   W A B I   W A B I   W A B I  
SIMPLER. SMARTER. STRONGER   DESIGN   CONSTRUCTIONS   WINDOWS