



# Capability Doc *ECO STRUCTURES*

**WANT TO KNOW MORE?**

[ecostructures.com.au](http://ecostructures.com.au)

  @EcoStructures

24 Marine Terrace,  
Fremantle,  
Western Australia, 6160  
+61 8 9193 8007





**ECO STRUCTURES**  
LUXURY EXPERIENTIAL ACCOMMODATION

# 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 bathpods, decking, glass front doors, luxury fittings and more.



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.

The following is a general list of paid services The WABi Group provide:

- Staff Accommodation
- Windows & Door Manufacturing
- Installation & Trades
- Consultation on infrastructure
- 3D Renders
- Proposals
- Site Feasibility Study
- Masterplan- Preliminary / Detailed
- Consultant management
- Design development
- DA Coordination & submission
- Construction detailing
- Building approval
- Tender application & negotiation
- Interior design concept
- Contract administration

# WABI GROUP

W A B I  
SIMPLER. SMARTER. STRONGER

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

W A B I  
WINDOWS

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

W A B I  
CONSTRUCTIONS

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

W A B I  
DESIGN

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

# BEHIND THE SYSTEM



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.





# DESIGN TEAM



## 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

### HEAD OF DESIGN

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.

The image shows the interior of a modern eco tent. A wood-burning stove with a fire is the central focus, with a metal chimney pipe extending to the ceiling. Large floor-to-ceiling windows offer a panoramic view of a rolling landscape under a cloudy sky. Outside, a wooden deck with a table and chairs is visible. A bed with a dark duvet and a striped pillow is in the foreground. A green semi-transparent banner is overlaid on the right side of the image.

Eco Tent  
*AWARDS*



# AWARD WINNING PROJECTS

## Eco Beach Resort

- Inducted into the Australian Tourism Hall of Fame for Unique Accommodation.
- Silver Medal Winners in the 2010 WA Tourism Awards (**Ecotourism Category**)
- Gold Medal Winners in the 2010 WA Tourism Awards (**Unique Accommodation Development Category**)
- Gold Medal Winners in the 2011 WA Tourism Awards (**Ecotourism Category**)
- Gold Medal Winners in the 2011 WA Tourism Awards (**Sustainable Tourism Category**)
- Silver Medal Winners in the 2012 WA Tourism Awards (**Ecotourism Category**)
- Gold Medal Winners in the 2012 WA Tourism Awards (**Unique Accommodation Development Category**)

## Sierra Escape

- GOLD 2018 Unique Accommodation
- NSW Tourism Awards 2018, GOLD Award
- 2018 Finalist Australian Tourism Awards.
- NSW Tourism Awards 2017 Finalist
- Regional Tourism Awards

## Karijini Eco Retreat

- Advanced Eco Tourism Certified
- AAA Tourism Green Star Accredited.
- Silver Medal Winners in the 2009 WA Tourism Awards (**Indigenous Tourism Category**)
- 2009 Australian Hotels Association Award for Excellence (**WA's Best Tourism Initiative Category**)
- Gold Medal Winners in the 2008 WA Tourism Awards (**Ecotourism Category**)
- Silver Medal Winners in the 2008 WA Tourism Awards (**Indigenous Tourism Category**)
- In the 2008 WA Tourism Awards (**Unique Accommodation Development Category**)
- 2008 Australia's North West Tourism Award (**New Product Development Category**)
- Gold Medal Winners in the 2007 WA Tourism Awards (**New Tourism Development Category**)
- WA Tourism Council Trust The Tick Accreditation

## Lady Elliot Island Eco Resort

- Queensland Tourism Awards - The Steve Irwin Award for Ecotourism  
**Gold Winner: 2017, 2014 Bronze Winner: 2018, 2015**
- Tripadvisor - Certificate of Excellence  
**2013 - 2018**
- Australian Tourism Awards  
**BRONZE Winner - Ecotourism**
- 2018 Queensland Tourism Awards  
**GOLD Winner - The Steve Irwin Award for Ecotourism  
Environmental Tourism - Hall of Fame**

# GLOBAL PROJECTS

Over 30 years of construction experience.

## SOME PAST RESORTS:

Discovery Parks, Rottnest Island WA

Eco Beach Resort, Broome

Olio Bello, WA

Karijini Eco Retreat, WA

Mercedes Cove Coastal Retreat, WA

Straddie Camping, QLD

Lady Elliot Island Resort, QLD

Discovery Barossa Valley, SA

CSR Tourism, NT

Townsville Eco Resort, QLD

Habitat Noosa, QLD

Straddie Camping, QLD

Uptuyu Aboriginal Tours, WA

Silversprings Cottage, WA

Leaders Creek Fishing Base, NT

Rhino Lodge, NSW

Yeeda kimberley Tours, WA

Blue Wren Farm Stay,

Aquila Glamping

Crowdy Bay Eco Resort

Drift Off Grid, NZ

Heavenly Waters

Evamor Valley

Swell Lodge Eco Retreat

Rules Beach Resort

Amaroo Escape, WA

Peninsula Hot Springs, VIC

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







# 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 WABi Systems we believe this is critical to support and drive change.

# 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

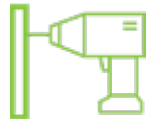
We are committed to co-designing with the community. We do this by ensuring all stakeholders are treated as equal collaborators, continual learning, understanding, and listening and engaging in community events and design forums.



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.







Eco Structures  
*PRODUCTS*

# OUR PRODUCTS



**The Eco Tent**

3M | 4.2M | 5M | 6.3M



**The Pop Up Tent**

3.6M X 3.6M



**Link Tents**

UNLIMITED DESIGNS AND VARIATIONS



**Stretch Tents**

UNLIMITED DESIGNS AND VARIATIONS



**WABi Cabins**

600MM + 900MM GRID SYSTEM



**WABi Staff Accommodation**

VARIOUS TIERED LIVING



**Gazebos**

3M | 4.2M | 5M | 6.3M



**Performance Tent**

5M x 10M | 7M x 10M



**BathPod**

P1 | P4 | UAT



# The Eco Tent

## INCLUSIONS

Optional 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.



Range of PVC Fly available based on climate and desired look.

Tent body RT 12oz Canvas (Walls and Ceiling), with insulated canvas available.

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

Roll Up or Down mesh windows and doors

Floor finish options. Including WPC decking & Vinyl Flooring.

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





## PRODUCT INCLUSIONS

- PVC Roof
- RT12 Canvas Walls
- RT12 Canvas Ceiling
- Floor joist and bearers galvanised 200C
- Deck w/ WPC boards
- Steel structural frame – hot dipped galvanised steel
- All fixing required for install.
- Optional Vinyl
- Optional Eco Anchors
- Optional Glass Sliding Doors

## SERVICE INCLUSIONS

- Warranties
- Architectural & Engineering drawings
- 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

- Land & Access- *Site preparation as per our suggestions*
- Local Labour- *Eco Structures can provide construction managers*
- Architectural support- *Eco Structures can provide at an additional Charge*

# WARRANTY



### WABi Wall Panels

7 Year Limited Warranty

20 Year Estimated Life



### 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



### Eco Anchor

10 Year Limited Warranty

50 Year Structural Design Warranty



### RT12 Canvas

5 Year Limited Warranty

10-12 Year Estimated Life



### Flooring WPC External Board

5 Year Limited Warranty

10 Year Estimated Life

# 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*





Eco Tent  
*SERVICES*



# ADDED SERVICES

Eco Structures is all about value enhancement, not simply selling tents. Our real world experience has taught us industry lessons that eco tent suppliers simply wouldn't understand. So if you're serious about creating a travel concept that is as rewarding for you as those who experience it, you need to know that true value goes beyond price alone.



## Design

Our internal design team can manage your project from end-to-end, from the initial design concept through the complex authority approvals process, even providing you with a set of approved documents ready for construction.



## Council Approvals

We have a thorough understanding of the compliance requirements of our product, including Tourist park accommodation, Tourism accommodation, Communal facilities and Education camps. 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 can deliver high-resolution pre-visualisation imagery of your project- additional fee.



## Master Planning

For the larger scale or specialised case sensitive projects we can work collaboratively with your appointed development team or provide recommended specialists who you can work with directly. Alternatively, we can manage on an outsourced basis.



## Interior Design

It's time to get creative. Stamping your own style of furnishings and fittings can elevate your Eco Tents and Modules to another level of luxury, with the flexibility to 'make your own' masterpiece.



## Architectural Design

We can assist you with all levels of concept design including internal room layout, finishes and overall tent layouts on your property.



# ADDED VALUES

Our unique process is designed to quickly create unique travel experiences that generate exceptional profit margins and high returns on capital. We add value at every step of the way, giving you every assurance you're investing in the highest quality, longest lasting glamping products available today.

## What we do for you

Think of our end-to-end service as a road-map to achieving the most value enhancing outcomes for your experiential travel concept.

## Discovery Session

Our experts can open discussions with you to identify project requirements. Here, we'll draw on our global expertise to add invaluable insights that shape better outcomes.

## Travel Concept Design

There is an art to triggering emotionally charged traveller experiences. It starts by 'scripting' how your guests will interact with you from check in to check out, then designing a physical eco structure solution that brings it to life.

## MYO Masterpiece

Our tents are not off-the-shelf products. While all come supplied in kit form, we give you the freedom to 'make your own' masterpiece by adding various components such as bath pods, ensuites and decking that bring your travel concept to life.

## Concept Finalisation

We can help you select your fit-out and furnishings, develop a formal quote for approval and supply final drawings in order to gain council approval so you can purchase your solution.

## Project Delivery

Our experts can manage your entire project to get it off the ground, from preparing your building site, to manufacturing your custom solution, site delivery and installation assistance, treading lightly to ensure your travel concept is brought to life in its purest form.



# 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

Click to view  
Build Sequence



## 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 flatpack, 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).





# Eco Tent *PORTFOLIO*







## PRIVATE LUXURY LODGE. AFRICA

\$2,000 AUD *per night*

55m2  
Custom Design Luxury Stretch Tent

[View Here](#)





**SPICERS RETREAT  
SYDNEY NSW**

\$1,500 AUD *per night*

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

[View Here](#)





## PENINSULAR HOT SPRINGS, VICTORIA

\$1,500 AUD *per night*

37m2  
5m Tent

[View Here](#)







MARRA MARRA LODGE.  
SYDNEY NSW

\$2,000 AUD *per night*

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

[View Here](#)





**ZAMBEZI LODGE.**  
**AIRBNB**

\$1,000 AUD *per night*

115m<sup>2</sup>

Custom Design Luxury Stretch Tent

[View Here](#)





# PLEASE CLICK

## Additional Resources



**Website**

[www.ecostructures.com.au](http://www.ecostructures.com.au)



**App**

[www.ecostructures.com.au/ar-app/](http://www.ecostructures.com.au/ar-app/)



**ROI Calculator**

[www.ecostructures.com.au/return-on-investment/](http://www.ecostructures.com.au/return-on-investment/)



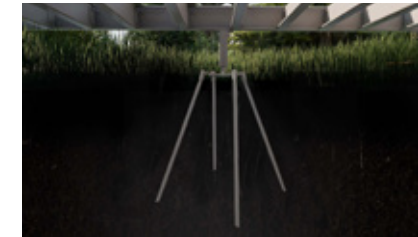
**Floor Plan Builder**

[www.ecostructures.com.au/products/](http://www.ecostructures.com.au/products/)



**Installation Video**

<https://www.youtube.com/watch?v=kd2R4Dqggal&t=70s>



**Eco Anchor**

<https://www.youtube.com/watch?v=C--uCNwdYVw>



**ECO STRUCTURES**  
LUXURY EXPERIENTIAL ACCOMMODATION

# Frequently Asked *QUESTIONS*



## LEAD TIME

90-120 days to manufacture  
4 weeks shipping  
4+ days to install *(Each Tent TBC)*



## LIFE SPAN

Each component of our Glamping 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 Glamping Tents is minimal. Store bought products can be used to clean any marks.



## REPLACEMENT PARTS

We offer replacement canvas panels, decking and roof flies 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 Glamping Tents can be heated or cooled with split system airconditionin, or a fireplace for the cooler climates.



## WIND & FIRE RATINGS

Our Tents are rated to 130km-250km winds. The structure itself is designed to be cyclonic. They are also internationally fire rated.



## SUBFLOOR SYSTEM

Eco Tents have decking & sub floor steel structure included. Electrical fittings & waste management can be installed underneath the tent. Each tent is off the ground, making maintenance significantly easy.



# Next Steps

## Identify Full Project Scope



✓	Intended Room Rate	How many units of accommodation will they need? What are your occupancy requirements?
✓	Intended Length of Stay	What is the length of stay for guests and the seasonality of the business. Will the site be operational all year round, or only during peak tourist season?
✓	Target Audience	Target audience (who will be staying at the site - families, couples, solo travelers, groups, etc.)
✓	Thermal, Wind and Acoustic Requirements	Technical thermal, wind and acoustic requirements and any sustainable/ ecological initiatives you want to implement
✓	Environmental or Zoning Issues or Restrictions	Any potential environmental or zoning issues and any restrictions. Are there any local regulations that are aware of?
✓	Facilities and Amenities Requirements	Identify the facilities and amenities that are necessary for the guests. Is there interest in having shared a reception/ restaurant area?
✓	Budget	Is there a budget so we can ensure we design to that budget and dont have any unnecessary setbacks.
✓	Timeframe	Timeframe for completion (when you hope to start and finish the construction and when you plan to open accommodation to the public)
✓	Preferred Style or Theme	Preferred style or theme of the accommodation (rustic, modern, luxury, eco-friendly, etc.)





**WANT TO KNOW MORE?**

[ecostructures.com.au](http://ecostructures.com.au)

  @EcoStructures

24 Marine Terrace, Fremantle,  
Western Australia, 6160  
+61 8 9193 8007

*GO BEYOND*



A company of The WABi Group

WABi WABi WABi WABi  
SIMPLER, SMARTER, STRONGER DESIGN CONSTRUCTIONS WINDOWS