



MODULAR STRUCTURES

CARGO



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CONTENTS

— 03

INTRODUCTION

— 04

HEAVY DUTY INDUSTRIAL SPACE

— 05

BENEFITS

— 06

MADE TOUGH

— 07

FEATURES

— 14

STRUCTURE TYPES

— 16

PROJECTS

— 18

CONTACT



INTRODUCTION

Australian Temporary Structures is a proven, long-standing provider of modular building products, with an international delivery footprint in Australia, New Zealand, and the Pacific.

With the company's cost effective, flexible, responsive and fully integrated approach has made us a business leader in the modular structure marketplace since 2009.

Australian Temporary Structures offers sustainable modular buildings that provide fast and effective solutions for many industries.

The offsite manufacturing process minimises disruption onsite, and the structures are fully operational shortly after installation.

Our experienced operations team support customers through every development phase, offering a full turnkey solution for building modular facilities, including site preparation, offsite construction of modular components, and onsite delivery and installation.





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Heavy Duty Industrial Space

When you're on a tight construction deadline, modular warehouses can be the best option. Compared to traditional construction methods, modular warehouses offer a quicker installation and construction process. With a choice of insulated and non-insulated, the Cargo is a fast to build and low-cost solution.

The Cargo can often reduce construction time by around 30% to 60% compared to a traditional warehouse. This is due to how the Cargo Structure is pre-manufactured in a factory and brought to your site ready for installation.

You can also reduce costs on the Cargo Structure without sacrificing durability and quality. Because the structure is built offsite, there are multiple protections against onsite construction,

such as putting up scaffolding, labourers, theft and delays brought about by weather conditions.

This makes the Cargo Structure an excellent option for businesses within the industrial sector that require economical structures fast. Perfect for storage, logistics, transport, waste management and recycling, agriculture, warehouses, industrial estates and more.

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Benefits

The Cargo Structure comes in a variety of dimensions and plans. Warehouses used for manufacturing and storage generally need large and uninterrupted interior spans, the Cargo can have clear span widths of 30.00m and a side height of 6.30m.

The Cargo Structure also features customisation and flexibility of the interior or exterior spaces for future alterations and expansions.

Our proven modular construction system offers fast, cost-effective, and transportable warehouse solutions, permanent modular buildings, which offer the same amenities as a conventional warehouse.

The Cargo custom modular design allows for choices in layouts and finishes, insulation, and load bearings that are easy to install, portable, and for high wind areas the Cargo can be anchored specific to the site.

Our industrial projects range from insulated and non insulated storage facilities, factories, logistics, garages to canopies.



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Made Tough

The Cargo structure is both aesthetic and functional, allowing you to create safe and efficient workplaces that adhere to stringent regulations, and international building code requirements (IBC). This light-weight building provides storage safety and options for extensions, as well as canopy structures.

The Cargo provides access for overheight large vehicles with customisable Cargo accessories.

The Cargo structure is designed to accommodate large vehicles like semi-trailers and heavy machinery with custom-sized ceiling heights and steel roller doors.

For ease of access, personnel doors can also be installed, making it convenient for anyone to move materials and equipment in and out.

- Frames made from steel and aluminium
- Big enough and tough enough for heavy duty vehicle and equipment bays
- Can be ground-staked or bolted as required
- As secure as site built
- Portable – setup / takedown in a matter of weeks
- Environmentally friendly
- The building's potential to repurpose allows for high resale values





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Specifications

- Bracing System: Internal high-level bracing giving open & clear span spaces.
- Frame Construction: Hard pressed 4 groove aluminium cube profile.
- Profile Size: Profile sizes relative to situation requirements.
- Roof Covers: Steel Sheet, Sandwich Panel, Thermal roof system provides additional insulation and condensation protection in the roof area.
- Wind Loading: Structures are all calculated to withstand wind loading based on the physical site location, and to meet Australian and European safety standards.
- Walling: Steel-clad sandwich panels, steel sheet, facade walling system, vertical or horizontal glass walls, ABS solid wall.
- Floor options. Heavy duty systems.



Span Width
5.00m - 30.00m



Length
Unlimited in
5.00m bays



Side Height
Up to 6.30m



Wind Load
To site specifics



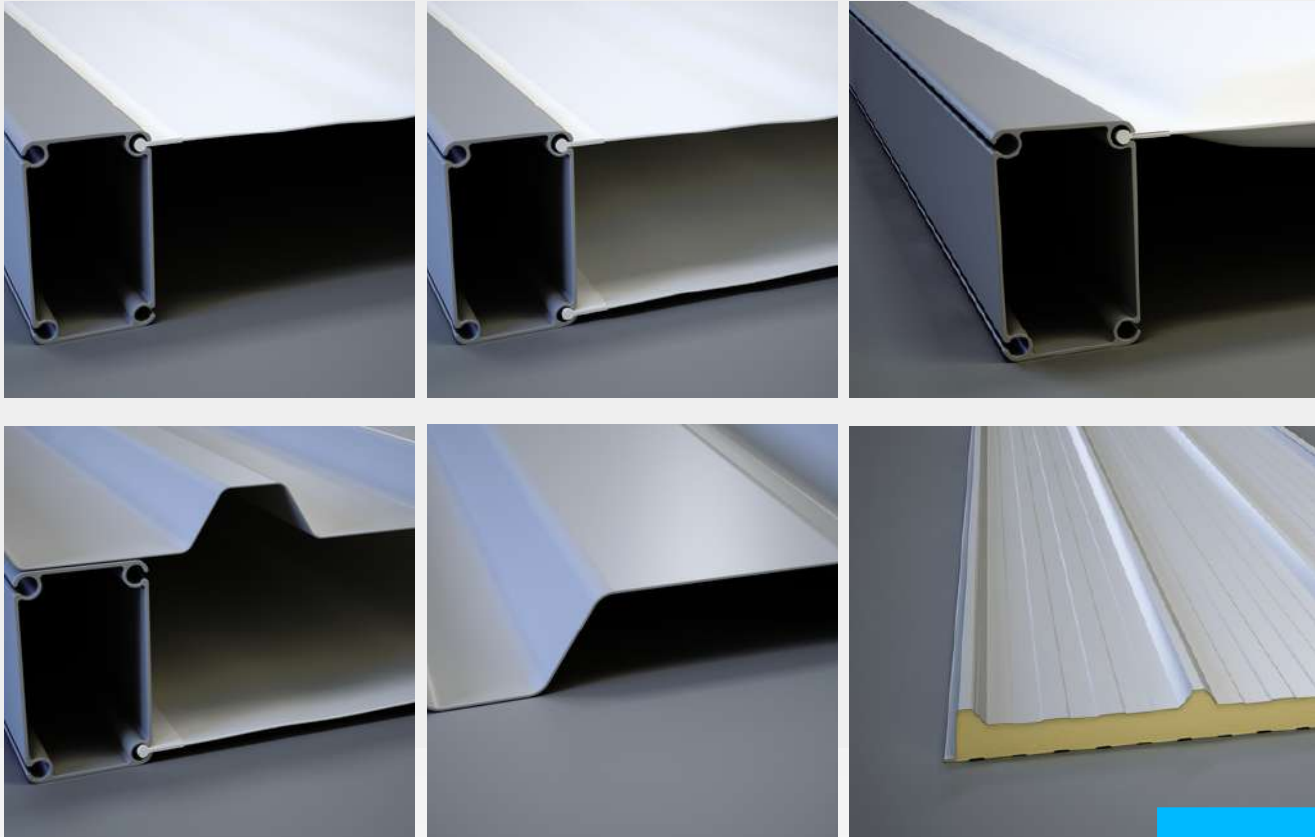
Custom
Fixtures &
Dimensions
available



Anchoring
As site specifically
requires

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Features



Roof and Side Panels

Single Layer PVC Covers

PVC Covers are flame-retardant according to DIN 4102-B1, and come in translucent and opaque, and are available in a wide variety of colours.

Thermal Roof PVC Covers

The air-filled double-shell roof PVC Covers provides insulation and condensation protection in the roof area. PVC Covers are flame-retardant according to DIN 4102-B1.

Underlay Covers

Underlay PVC Covers are a lighter material under the outer single-layer PVC Covers or the trapezoidal sheet absorbs and drains away any condensation that may arise.

Trapezoidal Sheet

The strip-galvanized coated trapezoidal sheet is best suited for roofing and insulated structures. The fleece coating in the roof area prevents condensation.

Sandwich Panel

The insulated sandwich element is suited for insulated structures. Available in different material thicknesses and suitable insulation values with PUR foam or mineral wool filling. Different exterior colours are also available.

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Features



Accessories - Roller Doors

PVC Covers

Sliding PVC Covers are used in insulated structures and can be used flexibly thanks to their manual and easy handling.

Sliding Roller

The manually operated sliding roller door offers increased theft protection compared to the Sliding PVC Covers. They are designed for use in insulated structures.

Roller Shutter

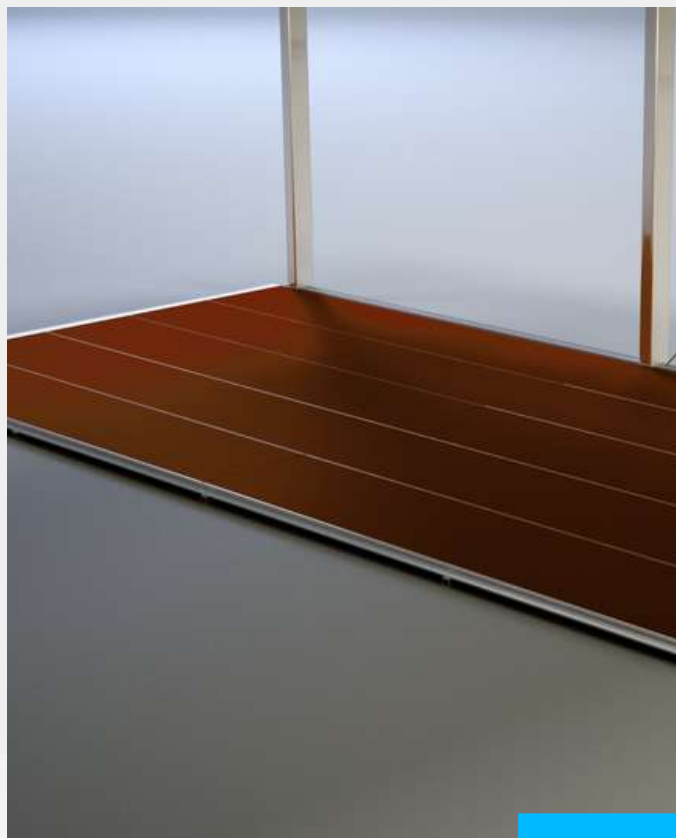
The electrically operated roller shutter has light insulation and is easy to operate thanks to the control.

Sectional Door

The electrically or manually operated sectional door has increased thermal insulation. These roller doors are ideal for use in insulated structures. Options such as window sections or integrated doors are also available.

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Features



Doors

Single Leaf Doors

Perfect for personnel or as fire escape doors.

Double Leaf Doors

Like the single-leaf door, the double-leaf door can be used for personnel or fire escape doors, and can also be filled with glass.

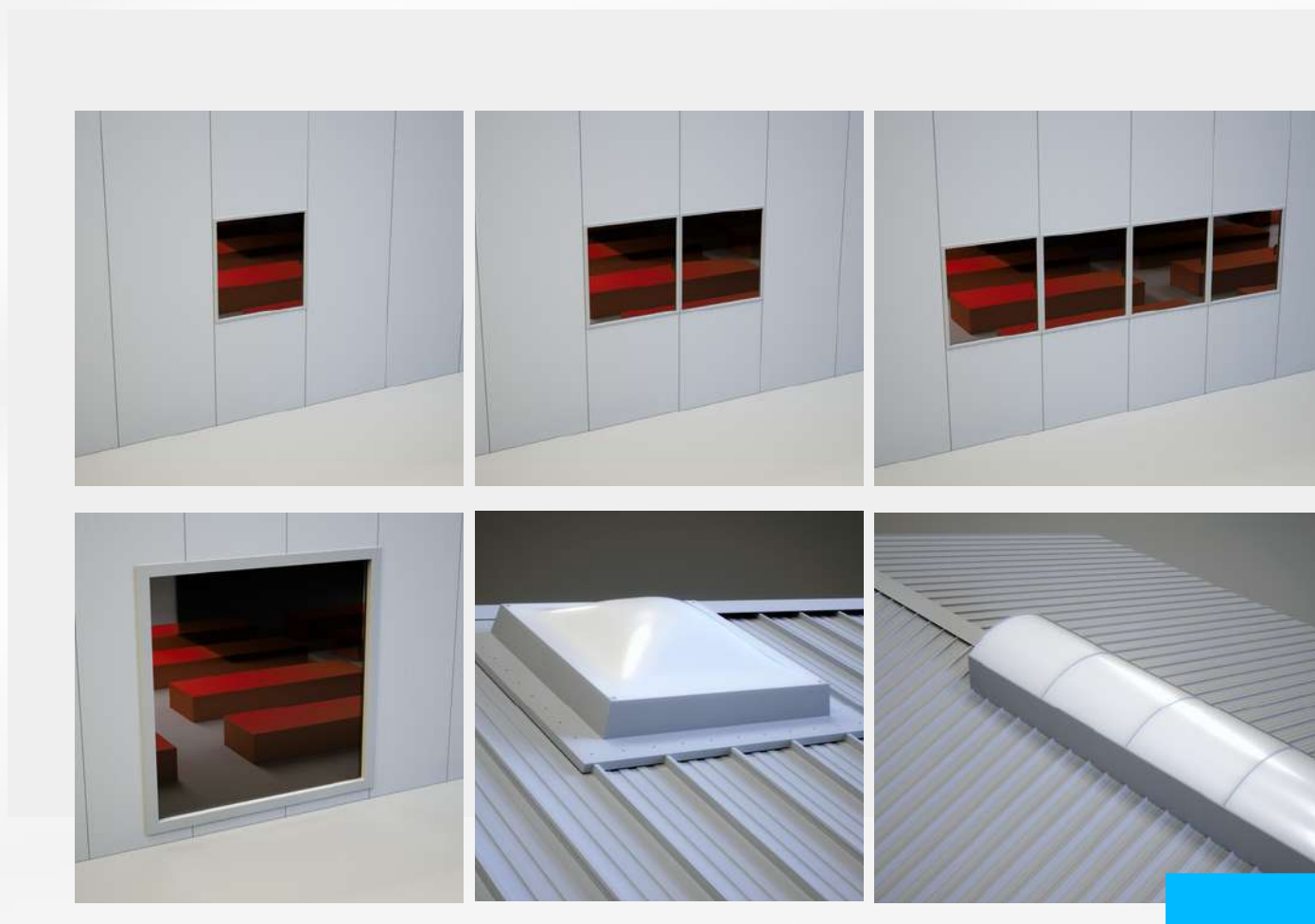
Floors

Heavy Duty Flooring

The heavy-duty floor is the most efficient floor system in our range, which can be quickly installed using a forklift or crane. In addition, it has a low transport volume compared to other flooring systems.

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Features



Windows

Single-leaf / 2-leaf / 4-leaf windows

Various windows can be integrated into the structure to provide light and fresh air.

Display Windows

Approx. 2.2 x 2.50m. Our display windows serve as the greatest possible source of light and are ideal for sales and exhibition rooms.

Dome Light

The dome light or ridge light strip is used to provide direct light in the roof area and additional air supply. Further options such as RWA equipment are available.

Wall Light Strip Polycarbonate

Approx. 1.0 x 4.0m. The wall light strip is a cost-effective alternative to glass elements and is installed in the wall cladding under the eaves area.

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Features



Miscellaneous Accessories

Lighting

Lighting systems including electronics are available for additional lighting in the interior of the structure.

Heating & Cooling

Mobile heating & cooling systems enable energy-saving benefits to the Cargo structure.

Guard Rail

The guardrail protects the industrial structure from external influences such as approaching forklifts and trucks.

Rain Gutter

Drain away rainwater in a controlled manner, our rain gutter includes the associated downpipes.

Stairs

We offer indoor and outdoor stairs in a variety of sizes, shapes and designs.

Internal Partitions

Internal gable partitions can be installed and connected using doors and rollers.

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Features



Anchoring

Soil Nails

Soil nails are the simplest and most cost-effective solution for temporary anchoring, as this variant can be used to fasten our industrial structures to a wide variety of surfaces without foundations.

Dowels

Dowels are mostly used in connection with permanent buildings and concrete foundations to ensure a secure and long-lasting stability of the structure.

Floor Sealing

When closing the floor using a facade and end plate, there are different variants and options for sealing. Depending on the surface, appropriate finishing options are available.

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Structure Types

Canopies

Industrial canopies are perfect for companies that want to protect their equipment, vehicles, tools, and employees from the elements.

The Cargo canopy can house equipment up to 6.30 metres in height. This allows for large scale equipment and vehicles to be stored and the crew can take equipment in and out without worrying about accidents.

Sensitive Equipment Storage

If you have unique requirements such as insulation and condensation protection, the Cargo is designed for both heating and cooling. Our thermo roof solutions help you to manage air circulation, moisture evaporation, light, shade, and heat, and our reliable structures are capable of withstanding wind, frost, and hail.

For all-round temperature protection our insulated wall panels are available in various thicknesses. Windows can be single or double glazed as required.





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Structure Types

Distribution Storage

The Cargo Structure provides ideal storage space to meet the demands of increased packaging, processing and distribution operations, and for seasonal peaks. From a basic storage facility, to a customised semi-permanent storage building, all our storage solutions are fully adaptable, with a wide range of options.

Flex Usage

Flex usage allows for a wide range of office and warehouse space. The Cargo Structure can be used for many purposes and is easier to retrofit to meet a company's needs than typical warehouse buildings. This flexibility is ideal for a wide range of companies that need office space with a warehouse component.



CARGO STRUCTURE
ARB 4 X 4 ACCESSORIES

15.00m x 40.00m x 6.30m



CARGO STRUCTURE **ARB 4 X 4 ACCESSORIES**

Warehouse | Showroom | Retail
Space with Mezzanine

PARTNER WITH US

Your Innovative Partner in Modular Building

Modular buildings offer a sustainable and flexible approach to construction, allowing companies to reduce their environmental impact and promote recycling. They are ideal for companies interested in greening the building process.

Modular construction is a highly streamlined process that can see project times reduced as the structure components are manufactured offsite. And the insulated structure ensures a more consistent R-value rating.

Modular structures reduce the use of new material resources, demolition waste, construction time, and transportation costs. They also have the advantage of serving a new purpose beyond their expected lifespan.

Structures can be moved and repurposed for different functions including commercial and industrial applications such as offices, hospitals, warehouses, airport terminals, and sporting facilities. Their flexible configurations adapt well to different applications.





Build Your Next Project



CONTACT US



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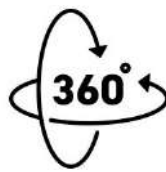
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