



PRODUCT BROCHURE



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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.





SKYLINE

Commercial Building at its Best

As sustainability becomes a significant aspect of many corporate policies, the Skyline modular system creates commercial space that meets today's evolving needs. Achieving a balance between sustainability and design is vital when planning commercial spaces. The Skyline is an excellent example of a building that blends visually attractive design with environmentally friendly solutions.

The Skyline's innovative ability to be flat-packed, relocated, reconfigured, and reused makes it an extremely sustainable building solution.

Plus, the Skyline's structural components can be reused, reducing the amount of waste and fit-out materials that are typically used in traditional construction methods.

This results in a more efficient building process that saves time onsite.

The Skyline is a sustainable solution for various commercial settings such as office & administration, retail, education, government, healthcare, and more.

It optimises floor space while its expansive glass facades makes it ideal for many commercial applications such as car showrooms, hospitality, restaurants, and plenary spaces.

SKYLINE

Benefits

The Skyline offers a modular design that's just as flexible and customisable as traditional buildings. From its lightweight and durable aluminium frame to its light fittings, the Skyline can function as a permanent building that is visually stunning with a range of high-end facade systems.

Select either vertically or horizontally aligned double-glazed glass, combined with insulated sandwich panels.

The Thermo roofing system is a revolutionary solution that features the Parapet design. Made of either Alucobond or PVC material, it provides the distinctive "cube characteristic" with its own customisable look.

Skyline's load bearing modules are constructed with steel frames and offer a variety of customisations.

The modules can be tailored to include single leaf, double leaf or sliding doors, internal and external stairways, balustrades, decorative interior cladding, lighting, and heavy-duty flooring systems.

Modules can be stacked to create multi-level modular buildings. Choose between two or three floors with atriums, balconies, and terraces. For more space, mezzanines are a flexible way to add extra retail or personnel space.



SKYLINE

Design Concepts



Good 3D visuals are an important part of any project, our designer, Ziggy Ziegler, brings his skills to the table to provide just that. A true craftsman dedicated to making ideas come to life, Ziggy brings 30 years of experience in visualising concepts and translating ideas into reality.

Working extensively in film, TV, theatre and events, before architecture and construction, gave him the ability to listen and comprehend functional and artistic concepts and how they relate to the people that use them.

This first-hand experience gained onsite in the real world lets Ziggy literally see a project in his mind and be able to translate that into visuals that make sense. Considering all the stakeholders and their requirements in the project, whilst remaining focused on creating inspired solutions at the same time.

Bringing projects to life in visuals is a passion that has been yielding amazing results across several industries in a large array of projects. Since starting incREDible Studios 5 years ago his focus has been on making these projects shine in a unique way.

From golf courses in the USA, glass structures in Dubai, terminals in New Zealand, airports in Australia, film studios in Japan, outdoor stadiums, shopping centres, race tracks, concert arenas, and retail Ziggy welcomes projects of all sizes with one specific goal, to get it right and make you smile.



SKYLINE

From Design to Installation

We have been managing projects, large and small since 2009 and throughout this time, we have worked tirelessly on ensuring we provide the best experience in the industry. We focus on our workflow ensuring every aspect is covered and delivered to your expectations. Enabling us to provide a turnkey solution for your design needs right through to installation.

We call this our Concept to Installation process, and it all starts with you.

We share our experience and take care in understanding yours, to work together to achieve your desired outcomes.

From your brief, Ziggy Zeigler designs the concept. Creating concept designs allows us to bring our capabilities and merge these with your ideas to create the perfect space.

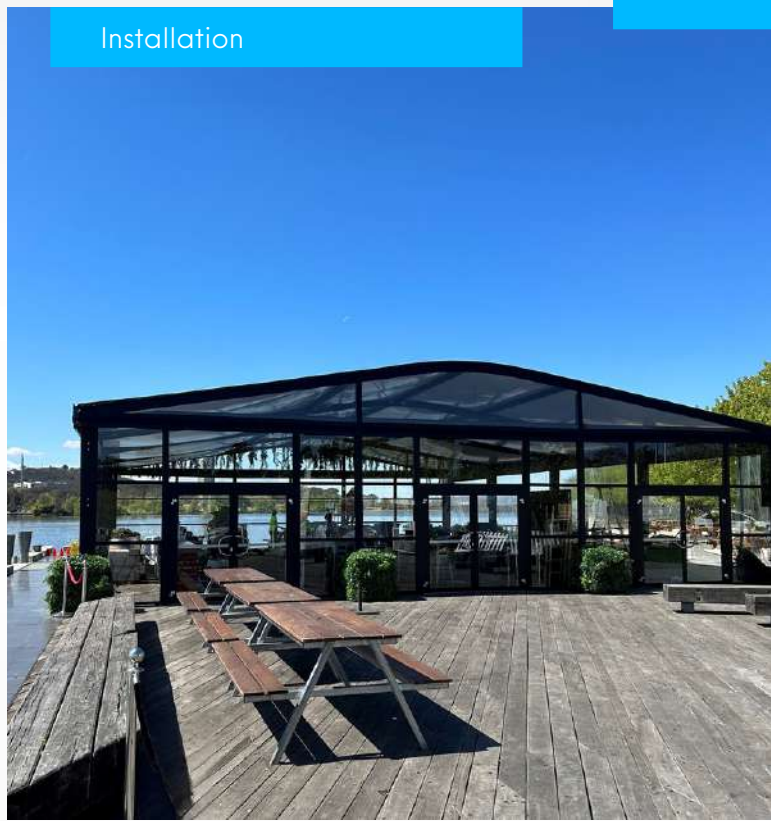
Our architects specify and document all design elements for submission to all relevant parties. One being our German engineering partners, HR Structures GmbH who manufacture the building framework, while our project management team source materials, building documentation through to installation. We provide a holistic approach to delivering your project.

We offer an ongoing maintenance program, ensuring your completed and installed building looks just as good as it did the day of install.

Concept



Installation



SKYLINE

Designing a New Experience

Our Skyline buildings are designed to be both functional and efficient. The prefabricated components make installation onsite a breeze, and the flexible layout ensures ample room for high-end commercial space that can be modified to fit your specific needs.

Skyline buildings are available in both single level and multi-level options.

The single level option, with a standard side height of 4.00m, comes in widths ranging from 10.00m to 30.00m and can be extended to any length using 5.00m bays.

The multi-level option offers side heights of 8.00m and is perfect for situations where expanding outward isn't possible.

When you need to make an impression, choose our multi-level Skyline option. Upper levels are constructed atop a lower level of the same size or a larger footprint using our innovative 5.00m x 5.00m ground and middle floor module system. This system maximises internal heights by eliminating internal struts.

We also offer a variety of add-ons. Ask us about turnkey fit-out options like ceiling linings, plumbed-in wet areas, HVAC, connectivity outlets, and more!





SKYLINE

Specifications

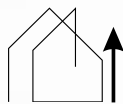
- **Bracing System:** Internal high-level bracing giving open & clear span spaces.
- **Frame Construction:** Hard pressed 4 groove aluminium cube profile.
- **Profile Size:** Profile sizes relative to situation requirements.
- **Roof Covers:** PVC Parapet system. Flame-resistant pursuant to DIN 4102-B1. Thermal roof cover 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:** Facade Walling System options, insulated, panoramic glass wall, horizontal glass, vertical glass wall, framed glass.
- **Floor options.** Heavy duty systems, cassette flooring.



Span Width
5.00m - 30.00m



Length
Unlimited in
5.00m bays



Side Height
Up to 4.00m
per level



Wind Load
To site specifics



Custom
Fixtures & Dimensions
available

SKYLINE

Features



Roof Cladding

Single Layer PVC Covers

The PVC Covers are flame-retardant according to DIN 4102-B1, and come in both 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 additional insulation and condensation protection in the roof area. The PVC Covers are flame-retardant according to DIN 4102-B1, and come in both translucent and opaque, and are available in a wide variety of colours.

Attica

The parapet made of Alucobond or PVC material gives your Skyline the classic "cube character" with its own individual customisable look.

SKYLINE

Features



Walling

Skyline Glass Elements

The 2.5 x 1.0m to 2.5 x 2.0m elements with glass filling are available in various tints and colours.

Skyline ISO Elements

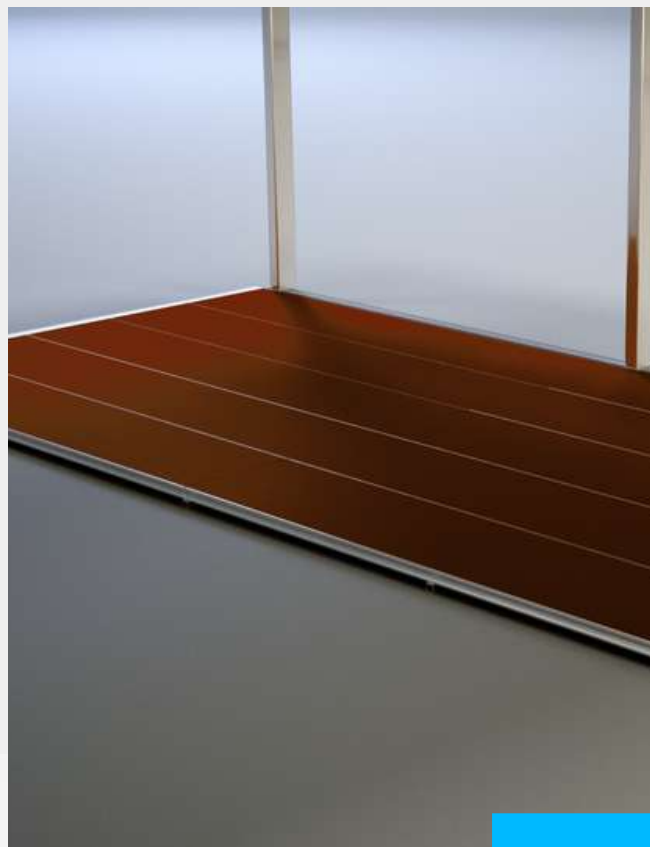
The 2.5 x 1.0m elements with sandwich filling are available in different colours. The Iso elements are also available in a cost-effective version without an enclosed frame.

Skyline Pre-Stressing System

Whether with aluminum cassettes or PVC material, with the pre-stressing system, another visual highlight can be placed in front of the skyline facade.

SKYLINE

Features



Flooring

Cassette Flooring

The visually appealing cassette floor is available with different wooden coverings and, with its lightweight aluminum substructure, has a traffic load of 350 and 500 kg/m².

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.

SKYLINE

Features



Doors & Accessories

Single Leaf/Double Leaf Door

Entrances and exits in various facade systems, the single and double-leaf doors can be installed in our structure systems and visually adjusted to match the rest of the side paneling.

Indoor/Outdoor Ramp

To enable barrier-free access to our structure systems, we offer various entry and exit ramps made of steel and aluminum.

Overhead Door Shelter

Various canopies are available separately from our doors, which visually complete your entrance area and offer weather protection for this area.

Stairs

For multi-storey skyline systems, we offer indoor and outdoor stairs in a variety of sizes, shapes and designs.

SKYLINE

Structure Types

Modular Retail

The Skyline enables commercial and retail clients to expand their businesses without disrupting operations or profits. It offers a quick and efficient way to add sales offices, showrooms, franchises, or design centres.

Modular Classrooms

Skyline Structures are a modern and efficient solution to address enrolment changes in educational systems. Modular spaces are being implemented to avoid the cost and time associated with traditional construction methods.

Government Buildings

The Skyline has proven to be cost-effective and time-efficient for government entities, and municipalities that have tight budgets and building construction guidelines.

Healthcare

The Skyline is a growing option in healthcare due to the need for quick expansion of services to reduce patient wait times and overcrowding. The structure offers customisation to meet the unique needs of the healthcare industry, making it suitable for both small practices and large medical complexes.





SKYLINE

Structure Types

Office Buildings

The Skyline is available for temporary or permanent use, ranging from single level to multi level. The structure offers easy integration of connectivity, security, and accessibility features, and can be ready for occupancy up to 50% faster than conventionally built office space, making the Skyline a great fast-build option.

Restaurants/Cafes

The Skyline is a great option for restaurants and other hospitality applications. By choosing modular construction over the traditional method of building, you can complete your build faster while equipping yourself with a modern, comfortable, and fully customised facility. Provisions are met for kitchen and seating space, amenities and more.





SKYLINE STRUCTURE

WERRIBEE MOTORS

Glass Facade with Black Powder-Coated Frame



CARGO

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.

CARGO

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.



CARGO

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.

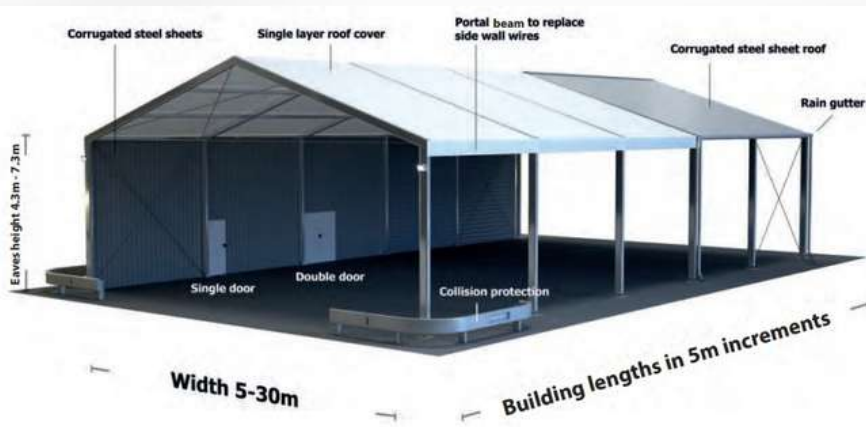
The Cargo provides access for overheight large vehicles with customisable Cargo accessories.

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





CARGO

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



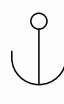
Side Height
Up to 6.30m



Wind Load
To site specifics



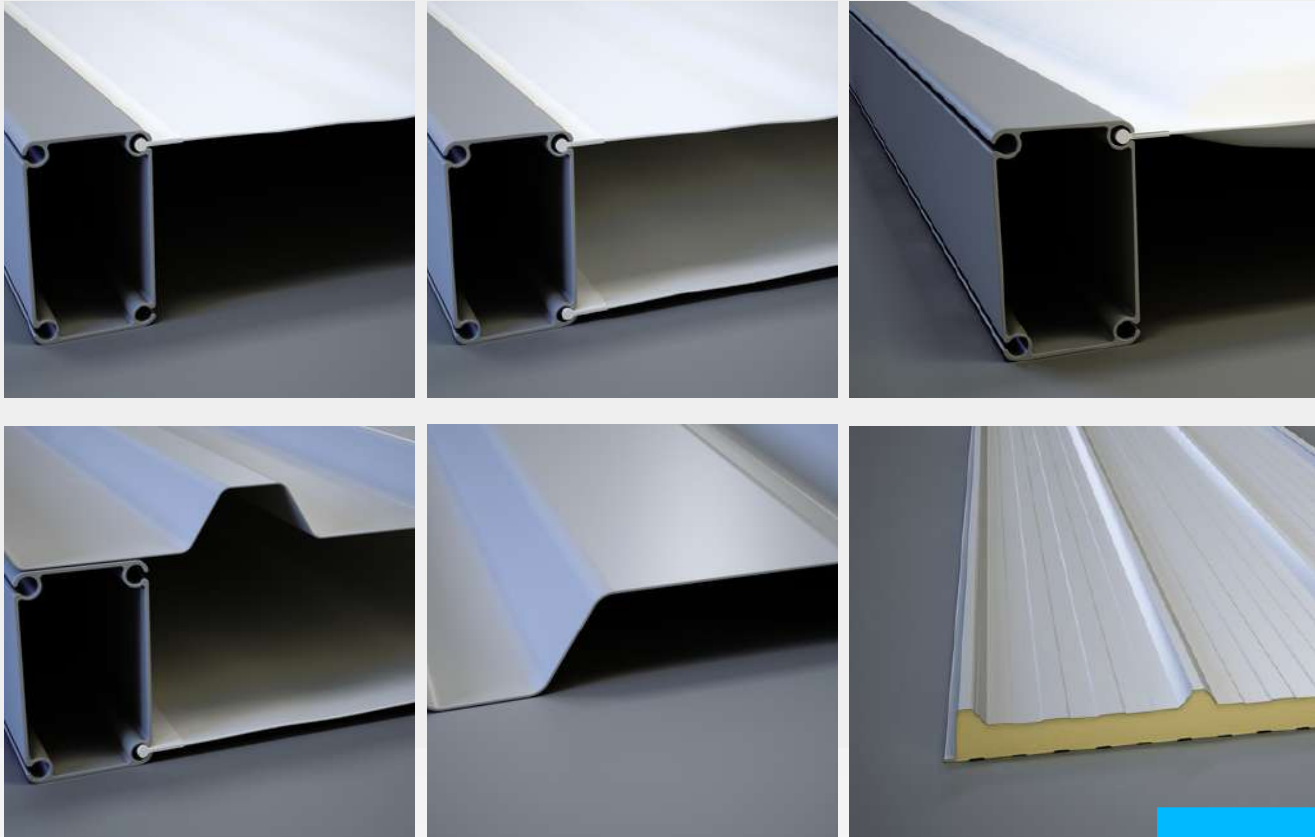
Custom
Fixtures &
Dimensions
available



Anchoring
As site specifically
requires

CARGO

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

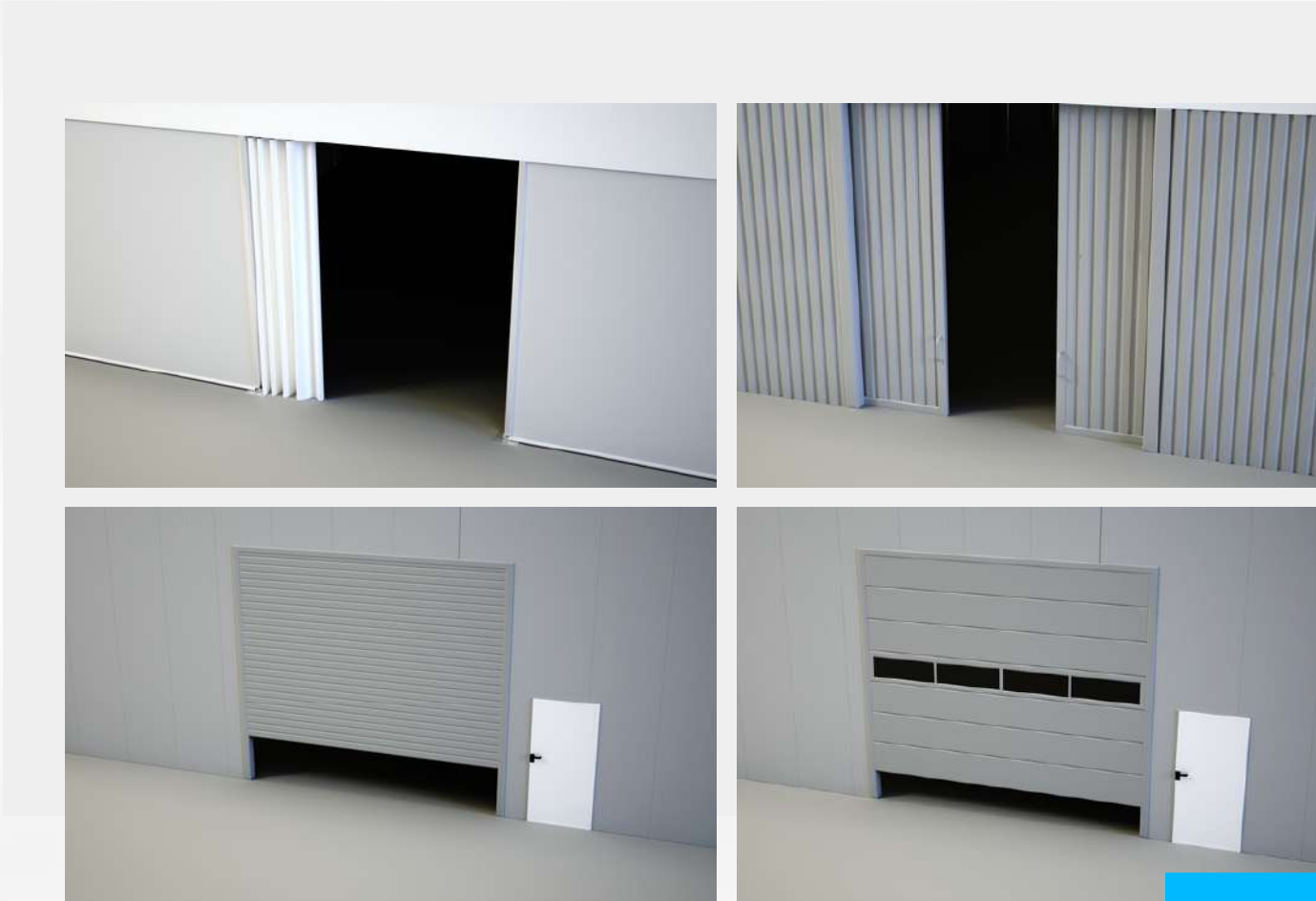
The strip-galvanized coated trapezoidal sheet is best suited for roofing and insulated structures. The fleece coating in the roof area prevents condensation.

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.

CARGO

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.

CARGO

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.

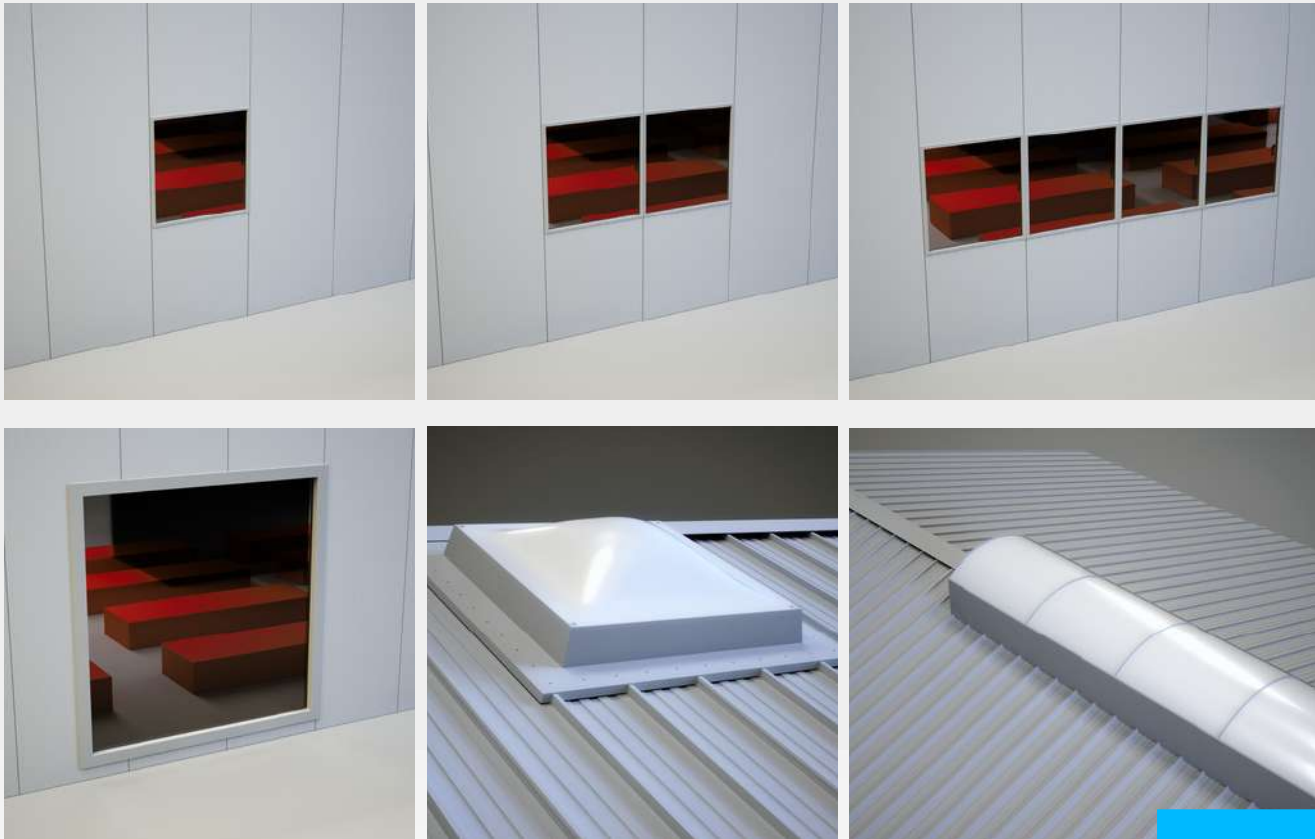
Floors

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.

CARGO

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.

CARGO

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.

CARGO

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.

CARGO

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.





CARGO

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



MEGA

Revolutionary Buildings

When it comes to accommodating large commercial projects that require multiple uses and extra-large clear-span space, Mega Structures provide a perfect solution for your business. These structures provide a robust, secure environment that can be tailored to meet your exact needs.

At Australian Temporary Structures, we prioritise competency and innovation in everything we do, particularly when it comes to large-scale infrastructure projects.

Our team works closely with major contractors on the full spectrum of the project lifecycle, from structural design and offsite fabrication to module delivery and onsite installation.

Our impressive portfolio features a range of national and international infrastructure projects.

Mega structures provide a wide range of cost-saving advantages. Their flexibility, with permanent, semi-permanent, and relocatable options, means that they require limited foundation requirements.

This makes them ideal for a variety of uses, including sporting complexes, airport terminals, rail projects, maritime ports, mining, energy, international exhibitions, film studios, and much more.

MEGA

Benefits

The Mega Structure is a revolutionary construction solution. It is crafted with hard-pressed aluminum, a lightweight and robust material capable of enduring extreme weather conditions without corroding. Designed by German and Australian engineers, these structures meet the highest ISO compliant standards in the industry. With all-weather endurance, these structures can brave harsh elements, including extreme heat, cold, and winds of up to 175km/h, while maintaining a 100 kg/m² snow load.

The Mega Structure system is constructed to meet strict specifications and can be customised to fit individual country requirements.

In addition to their durable materials, the Mega Structure also employs prefabricated components to decrease construction waste while promoting reuse and repurposing.

The materials are also designed for disassembly, allowing for the recovery

and reuse of building materials at the end of the project's lifecycle.

The Mega Structure's modular design makes it an ideal choice for a range of functions, from airport terminals to maintenance facilities or extra-height capital equipment storage.

Its flexible configuration allows for various large-scale commercial developments, making it a top choice for any project.



MEGA

Over-Sized Design

Mega Structures feature a ridge height of 8.00m, with customised heights available to meet your specific requirements. These structures have a span that ranges from 10.00m to 70.00m, with unlimited lengths of 5.00m bays. Designed with durable aluminum profiles and fireproof wall panels, our structures are built to last, meeting the highest Australian and European safety standards.

Tailor your Mega Structure package to meet your needs by selecting from a range of additional features including stage platforms, gantries, lighting, soundproofing, climate control, thermal insulation, heavy-duty floors, large roller shutter doors and ramps.

Our mezzanine system is the perfect solution for maximising floor space. By lifting functions to a second level, you can create additional space for a variety

of purposes, such as cafes and meeting areas. This not only maximises the available square footage but also provides the added benefit of covered indoor and outdoor terrace space.

Mega Structures are flat-packed for easy transportation, reducing haulage requirements and minimising our environmental footprint.





MEGA

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, insulated Sandwich Panel or Thermo System
- 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, cassette flooring.



Span Width
10.00m - 70.00m



Length
Unlimited in 5.00m bays



Side Height
Up to 8.00m



Wind Load
To site specifics



Custom
Fixtures & Dimensions available



Anchoring
As site specifically requires



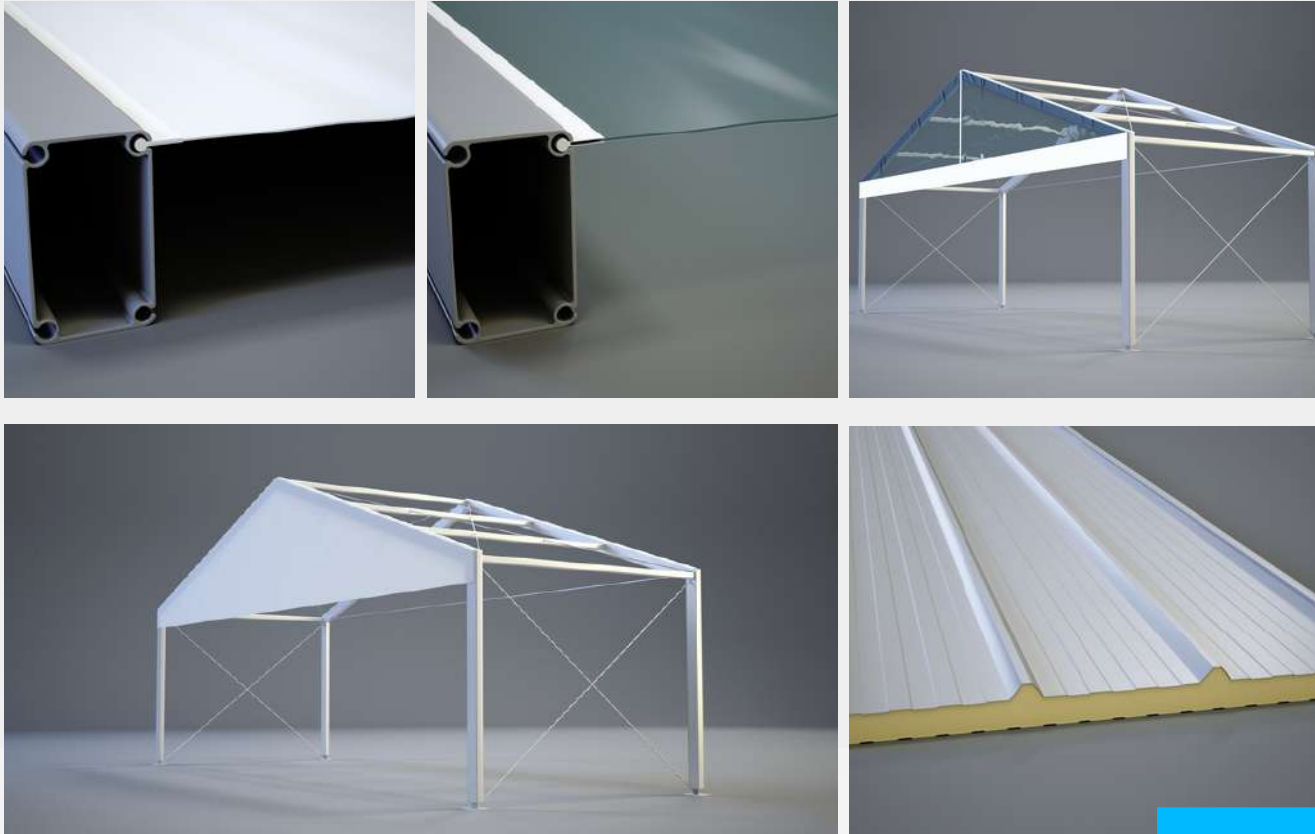
Loads
Suspended loads up to 6 tonnes



Area
Free standing area over 5000 sqm

MEGA

Features



Roof Cladding

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.

Poly Glass Roof PVC Covers

Our transparent Poly Glass PVC Covers allows for natural light and is an exceptional alternative to the white PVC Covers.

Gables

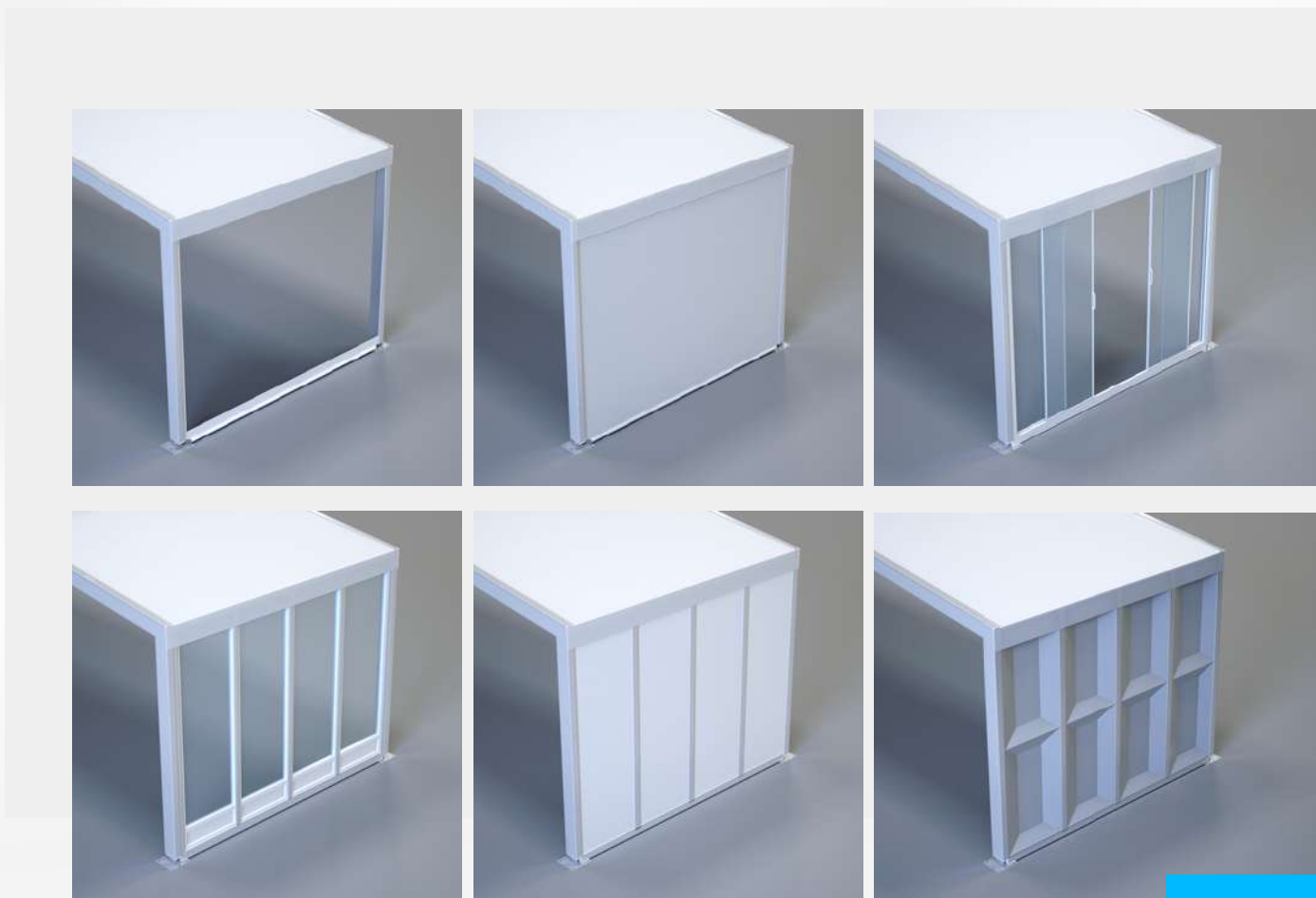
Gables come in translucent and opaque in either PVC or Poly Glass.

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.

MEGA

Features



Wall Panels

Vinyl Facades

The Vinyl facade ensures a higher-quality side appearance and, thanks to its strength, offers better burglary and weather protection.

Insulated Facade

The insulated facade not only ensures a higher-quality side appearance, but in addition to its better protection against burglary and weather, it also offers additional thermal insulation.

Glass Facade

Available in a variety of designs, such as vinyl or aluminum frame, uninsulated or insulated glass, in various colours and tints.

Glass Sliding Walls

Entrances and exits or window elements in various facade systems, the glass sliding walls can be installed in our facade systems and visually adjusts to match the side paneling.

PVC Side Walling

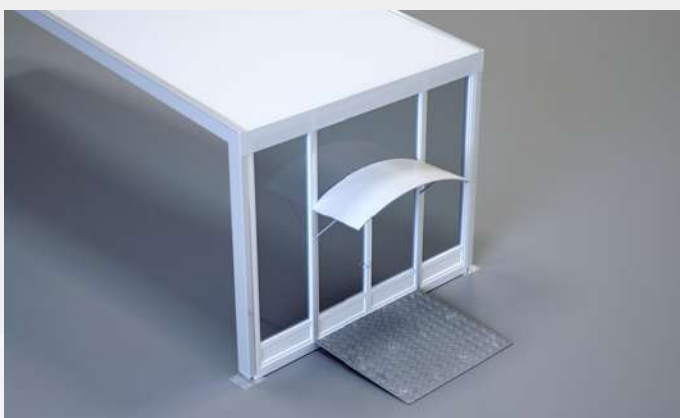
The flame-retardant PVC Covers according to DIN 4102-B1 is available in a range of colours, both translucent and opaque.

PolyGlass Side Awning

Our transparent covers for even more light is an exceptional alternative to the white PVC Covers.

MEGA

Features



Doors & Accessories

Single Leaf/Double Leaf Doors

Entrances and exits in various facade systems, the single and double-leaf doors can be installed in our structure systems and visually adjusted to match the rest of the side paneling.

Indoor/Outdoor Ramp

To enable barrier-free access to our structure systems, we offer various entry and exit ramps made of steel and aluminum.

Overhead Door Canopy

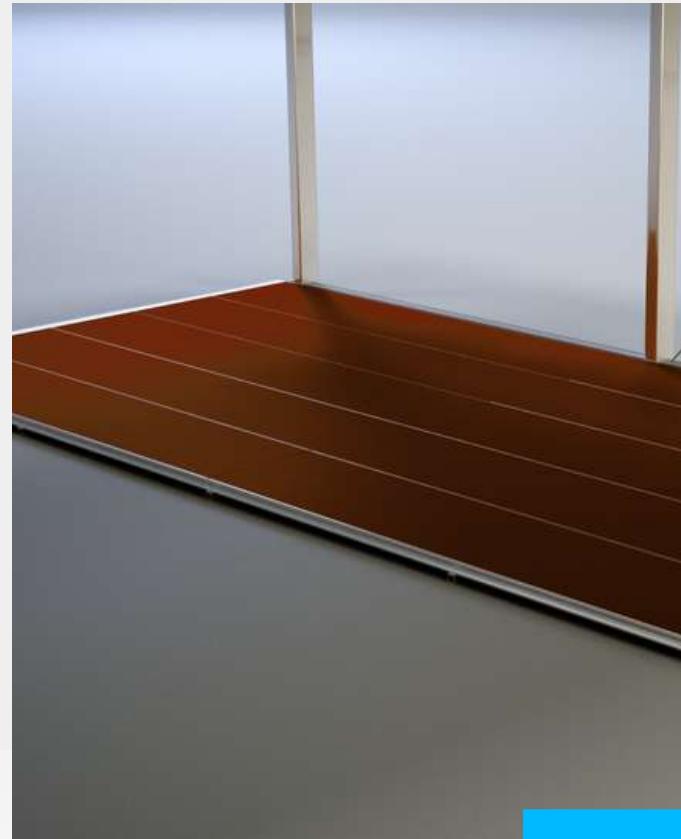
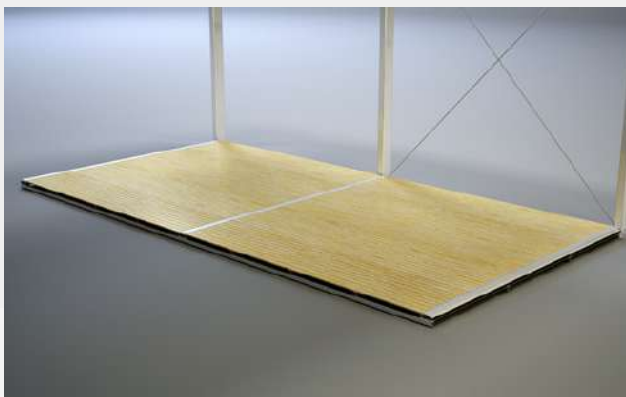
Various canopies are available separately from our doors, which visually complete your entrance area and offer weather protection for this area.

Transport Racks

Our transport racks offer optimal protection for loading and storing all structure and accessory parts.

MEGA

Features



Flooring Systems

Cassette Flooring

The visually appealing cassette floor is available with different wooden coverings and, with its lightweight aluminum substructure, has a traffic load of 350 and 500 kg/m².

Steel Substructure

The steel substructure with wooden laying panels is a proven, solid and cost-effective flooring system that is available with a traffic load of 350 and 500 kg/m².

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.

MEGA

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 Mega structure.

Guard Rail

The guardrail protects the Mega Structure from external influences such as approaching vehicles.

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.

MEGA

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 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.

MEGA

Structure Types

Airport Terminals & Hangars

Modular structures have several possible applications in airport expansion, including baggage claims, waiting areas, terminals, hangars, and administrative or security offices. These structures can enhance efficiency and provide a better experience for passengers.

Film Studios

We specialise in designing and constructing film studios that meet international filming industry requirements. The Mega Structure offers a quick and cost-effective solution to creating studio space, including feature-film and television production studios, as well as ancillary structures for workshops and offices.

Rail Terminals

Mega Structures are a cost-effective way to replace outdated railway station facilities and minimise site disruption during construction.

Maritime Ports

The Port and Marine industry needs the flexibility to adapt to changing priorities and to adjust to challenging location needs. Port authority buildings often require extra-large clear-span space to accommodate multiple uses, including cruise terminals, navy terminals, baggage handling, container terminals, cargo centres, warehousing, and bulk storage buildings.





MEGA

Structure Types

Sporting Complexes

Mega Structures are ideal as sporting complexes that include swimming pools, spas, sports halls, basketball courts, and gymnasiums. We can add specialised flooring, temperature-controlled installations. Our designs also incorporate office suites, administration space, cafes, break-out areas, and hygienic installations for physiotherapy and treatment rooms.

Exhibitions

We offer contemporary exhibition centre design with floor to ceiling glass elements and white panel walls that can connect to an existing convention centre. Our energy-efficient structures feature a thermo-roof solar installation with a large loading capacity suitable for events.



aie
Institute

ats
australian temporary structures

MEGA STRUCTURE
AIE INSTITUTE CONCEPT

40.00m x 75.00m x 8.00m



MEGA STRUCTURE
HAMILTON AIRPORT CONCEPT
Thermo Roof | 40.00m Hangar Door



VEGAS

Event Space

Business owners, event organisers, and agencies are turning to the Vegas Structure to create unforgettable experiences for their customers. With its modern design, this structure has quickly become a popular choice in the event planning industry. Its innovative and elegant features make it an ideal option for hosting annual events.

The Vegas Structure is a versatile venue for Any Event.

If you're looking for an event venue that can accommodate any type of event, the Vegas Structure is the perfect solution.

Available in various sizes and shapes, this structure is suitable for wineries, sporting club VIP marquees, and more.

Whether you need to enhance your event outcomes or create a sophisticated ambiance, the Vegas Structure is a great choice.

The Vegas Structure offers numerous advantages, including flexibility, customisation, and sustainability. It allows complete personalisation of the interior and exterior, which can be aligned with your brand, decor, ambiance, lighting, and more.

You have the freedom to customise the structure to your exact needs. Choose between solid panel walls or visually striking floor-to-ceiling framed glass walls with a double opening glass entrance door. In addition, the Vegas Structure can be deployed in any setting, whether it's an open field or an urban environment.

VEGAS

Benefits

The Vegas allows for event venues, cafes, restaurants, and bars to be set up in just a few weeks, allowing you to start generating revenue sooner. Even those who are expanding their current venue or cafe can swiftly resume business operations.

Looking for a structure that's budget-friendly and flexible? Consider the Vegas. Here's why:

- **Cost-effective:** The Vegas is an affordable option, which makes it an excellent choice for those just starting out or looking for a pop-up structure.
- **High flexibility:** If you're using leased land, you may need to move your structure at some point. Luckily, the Vegas is easy to set up and disassemble, making it simple to relocate when necessary.
- **Durable:** Made with high-quality materials, this modular structure comes with a hard-pressed aluminum frame that's perfect for semi-permanent use. You can even choose between glass or solid panel walls to suit your needs. Rest assured that the Vegas will withstand the test of time with little upkeep needed.



VEGAS

Elevate your Events

Constructed from top-of-the-line aluminum and glass material, the Vegas is an event structure that is both versatile and visually appealing. The modular design of the Vegas allows for easy adaptation to your specific location and available space.

The Vegas Structure comes in widths ranging from 5.00m to 15.00m with a 3.30m side height, and can be extended to any length with 5.00m bays.

Select from glass or solid paneling to suit your preferences. The metal frame is powder-coated black, providing a sleek and long-lasting exterior. The interior finish options consist of carpeting, cassette flooring, ceiling lining, lighting and HVAC, all designed to optimise comfort.

The Vegas Structure is a remarkable feat of engineering and aesthetics. The roof boasts the Parapet system, made of Alucobond or PVC material, which gives it a classic "cube characteristic" with a customizable appearance.

Alternatively, you can opt for a shallow pitch curved roof made of Thermo Twin layer PVC in white opaque. Basically, the Vegas is the most sophisticated and visually attractive event structure on the market today.





VEGAS

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:** Single Skin PVC, Thermo roof system or Parapet system.
- **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:** Facade walling system, vertical or horizontal glass walls, ABS solid wall or PVC soft walling relative to the situation requirement.
- **Floor options.** Cassette flooring systems, heavy duty flooring.



Span Width
5.00m - 15.00m



Length
Unlimited in
5.00m bays



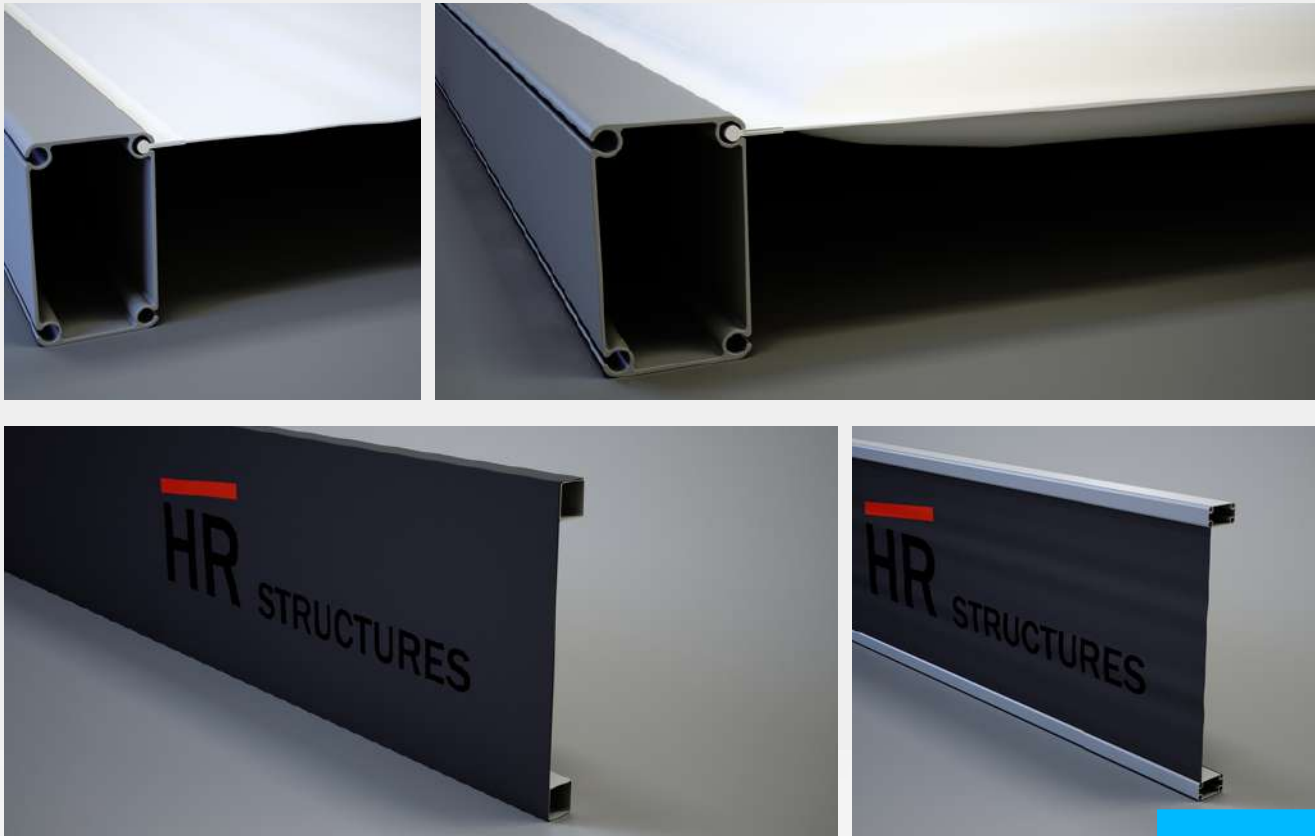
Side Height
3.30m



Custom
Fixtures & Dimensions
available

VEGAS

Features



Roof Cladding

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.

Thermo Roof Covers

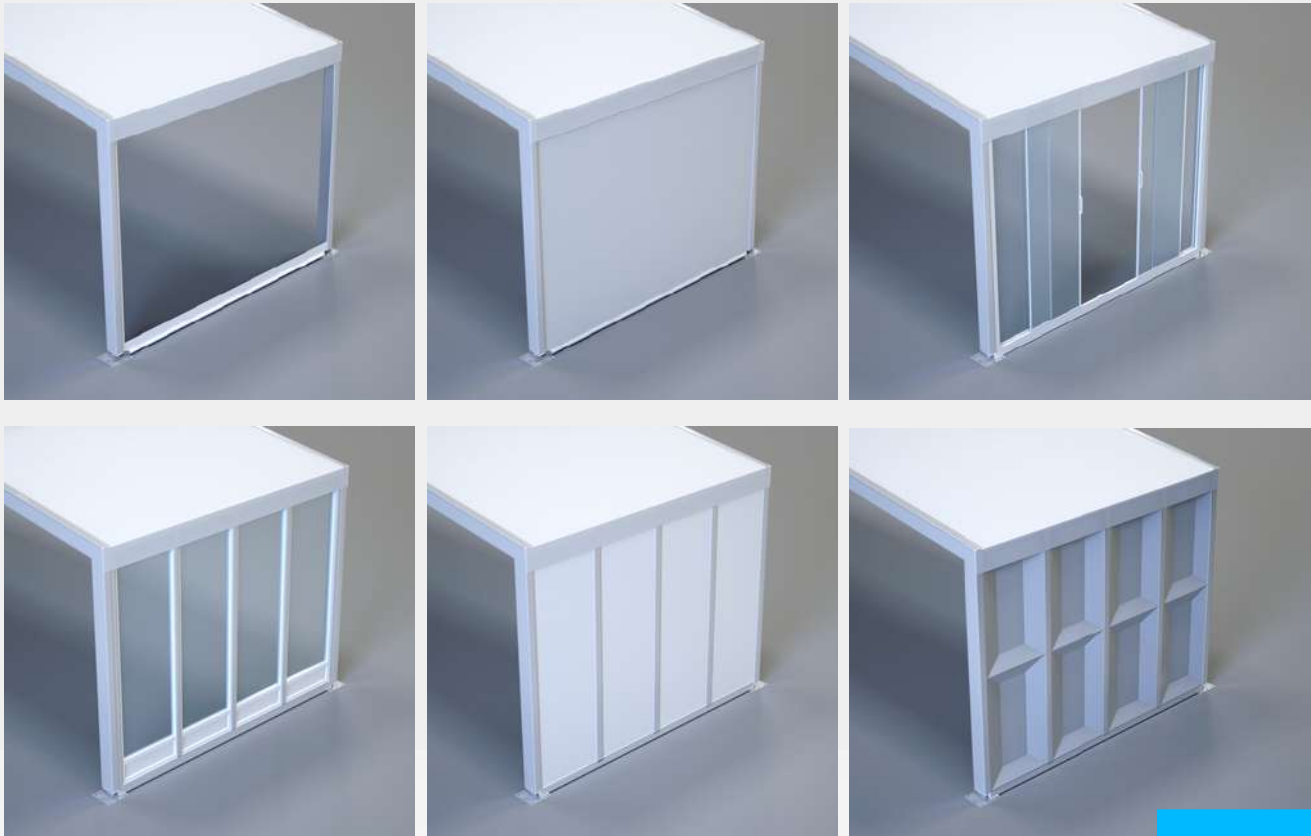
The air-filled double-shell roof PVC Covers provides additional insulation and condensation protection in the roof area. The PVC Covers, which is flame-retardant according to DIN 4102-B1, is both translucent and opaque and is available in a wide variety of colours.

Attica

The parapet made of Alucobond or PVC material gives the classic "cube character" with its own individually customisable look.

VEGAS

Features



Wall Panels

Vinyl Facades

The Vinyl facade ensures a higher-quality side appearance and, thanks to its strength, offers better burglary and weather protection.

Insulated Facade

The insulated facade not only ensures a higher-quality side appearance, but in addition to its better protection against burglary and weather, it also offers additional thermal insulation.

Glass Facade

Available in a variety of designs, such as vinyl or aluminum frame, uninsulated or insulated glass, in various colours and tints.

Glass Sliding Walls

Entrances and exits or window elements in various facade systems, the glass sliding walls can be installed in our facade systems and visually adjusts to match the side paneling.

PVC Side Walling

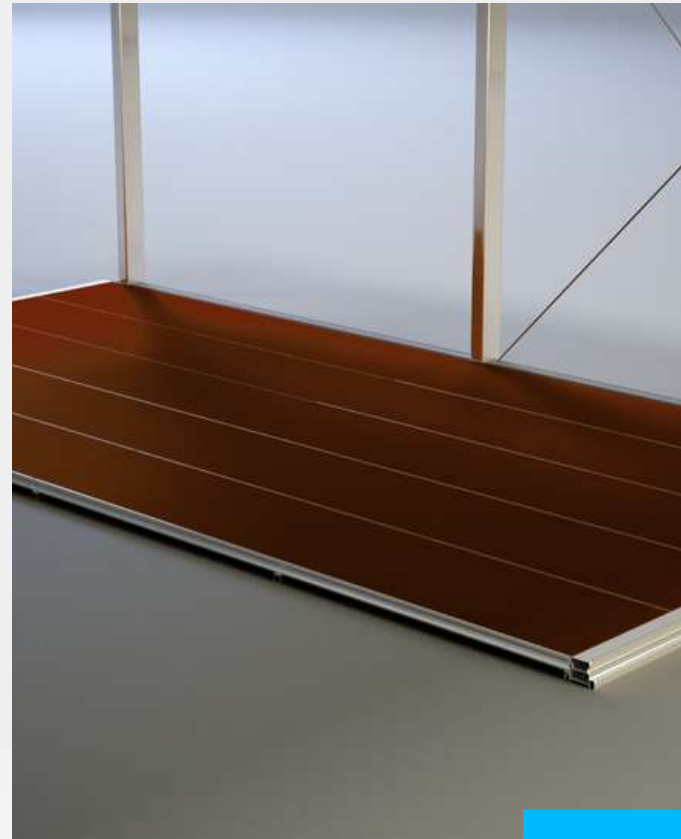
The flame-retardant PVC Covers according to DIN 4102-B1 is available in a range of colours, both translucent and opaque.

PolyGlass Side Awning

Our transparent covers for even more light is an exceptional alternative to the white PVC Covers.

VEGAS

Features



Floors

Cassette Flooring

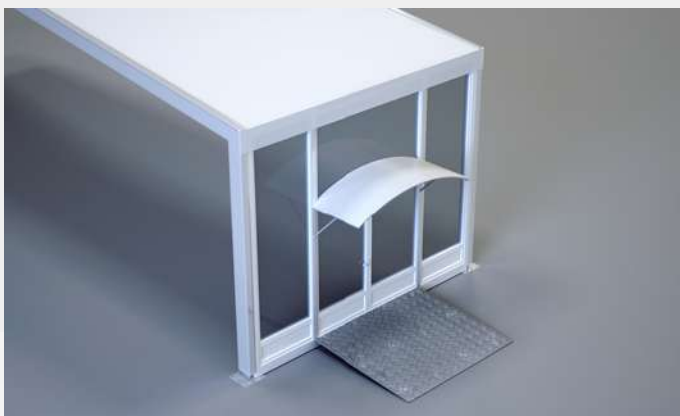
The visually appealing cassette floor is available with different wooden coverings and, with its lightweight aluminum substructure, has a traffic load of 350 and 500 kg/m².

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.

VEGAS

Features



Doors & Accessories

Single Leaf/Double Leaf Doors

Entrances and exits in various facade systems, the single and double-leaf doors can be installed in our structure systems and visually adjusted to match the rest of the side paneling.

Indoor/Outdoor Ramp

To enable barrier-free access to our structure systems, we offer various entry and exit ramps made of steel and aluminum.

Overhead Door Canopy

Various canopies are available separately from our doors, which visually complete your entrance area and offer weather protection for this area.

Transport Racks

Our transport racks offer optimal protection for loading and storing all structure and accessory parts.

VEGAS

Structure Types

Cafes & Restaurants

Vegas structures can give food businesses a tailored and professional appearance that complements their brand. They provide flexibility to adjust the kitchen or seating area as per the business requirements, allowing for future growth without unexpected delays or expenses.

Wineries

Australian Temporary Structures offers hospitality solutions that make a lasting impression, recognising that wineries are a brand that should reflect prestige and elegance both inside and out. The Vegas Structure features 360° glass walls, offering stunning views of the winery landscape and elevating guests' experience.

Sporting Clubs

The Vegas is specifically tailored to exceed expectations for racing events, with a focus on providing a top-notch viewing experience of the racetrack. With its modern glass facades, it also provides ample room for retail outlets, dining establishments, cafes, product presentations, and an array of entertainment and hospitality spaces.





VEGAS

Structure Types

Product Activations

The Vegas structure provides a versatile styling option to emphasise your brand and offer guests a one-of-a-kind experience. Interior elements can be tailored to your client specifications, with provisions for a wide range of branding choices. The structure can be preassembled with lighting and electrical fittings as needed to ensure it meets your requirements.

Annual Events

The Vegas Structure is an excellent choice for annual events that require modular and personalised designs. Moreover, the Vegas is built to withstand even the most demanding environments. It can be easily assembled and dismantled, leaving no impact on the ground.



VEGAS STRUCTURE
THE JETTY CBR

15.00m x 20.00m x 3.30m



VEGAS STRUCTURE THE JETTY CBR

Shallow Pitched Roof | Black
Powder-Coated Frame



PERTH

Versatile Commercial Space

German engineering at its finest with the Perth Structure. Crafted from premium-quality PVC, aluminum, and glass, this modular building is built to last. Not only is it structurally superior to traditional demountable structures, but it is also highly efficient, easy to maintain, and durable.

The Perth delivers innovative and adaptable designs that can be tailored to fit your specific requirements.

Our specialised off-site prefabrication construction process ensures that you enjoy the benefits of speed, quality, and cost savings.

Introducing the Perth, available in two designs – A Frame or semi-curve roof – with an eave height of up to 4.00m. Our high-grade PVC material comes in three variations: translucent, opaque, and white.

The Perth Structure can be configured with an integral cassette flooring system for added convenience.

External walling options include soft PVC standard translucent to maximise light, opaque for complete blackout, framed glass for an optimal view or feature, or ISO panels to provide a more permanent appearance.

PERTH

Benefits

The Perth Structure offers a flexible alternative to permanent venues. If you are looking for a way to create extra space without committing to a permanent venue, then the Perth Structure is an ideal solution.

The Perth Structure is designed to provide flexibility for any interior or exterior alterations and expansions.

These remarkable structures can be installed on any existing level ground, without the need for a traditional foundation.

This structure can be free-standing or connected to existing buildings.

We offer a range of provisions, including electricity, lighting, heating, wet areas, personnel doors, and elegant entrance doors – plus many more options to suit your needs.

The Perth is very versatile and can be used for many applications, including:

Education | Government Buildings | Emergency Services | Law Courts | Religious Institutions | Healthcare | Hospitals | Aged Care | Hospitality | Event Services | Weddings | Sports Clubs | Ice Rinks | Gymnasiums | Swimming Pool Enclosures | Exhibitions | Event Launches | Commercial Retail | Cafes | Mining | Camp Facilities | Accommodation | Mess Halls



PERTH

The All-Rounder

With its groundbreaking product design and the versatility of being flat-packed, relocated, reconfigured, and reused, The Perth Structure is a highly sustainable temporary building solution, making it the ideal choice for environmentally conscious individuals.

The Perth Structure is an affordable option that can be customised to fit your needs in various sizes.

Additionally, provisions for branding is available upon request.

Although many businesses pay a significant amount to rent the Perth Structure, purchasing it outright may be more cost-effective if you plan to use it for an extended period. We offer affordable pricing options, so don't hesitate to contact us for more information.

- Frames made from aluminium with the option for black powder-coated frames.
- Can be ground-staked or bolted as required.
- Portable – setup / takedown in a matter of days.
- Environmentally friendly.
- The building's potential to repurpose allows for high resale values.





PERTH

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: Single skin PVC
- 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: PVC Soft Wall, ABS solid wall, Framed Glass
- Floor options. Cassette flooring systems, heavy duty flooring.



Span Width
5.00m - 25.00m



Length
Unlimited in 5.00m bays



Side Height
4.00m



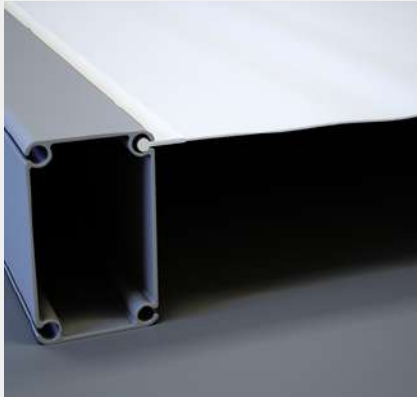
Custom
Fixtures & Dimensions available



Purchase
Request a Quote

PERTH

Features



Roof Cladding

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.

Poly Glass Roof PVC Covers

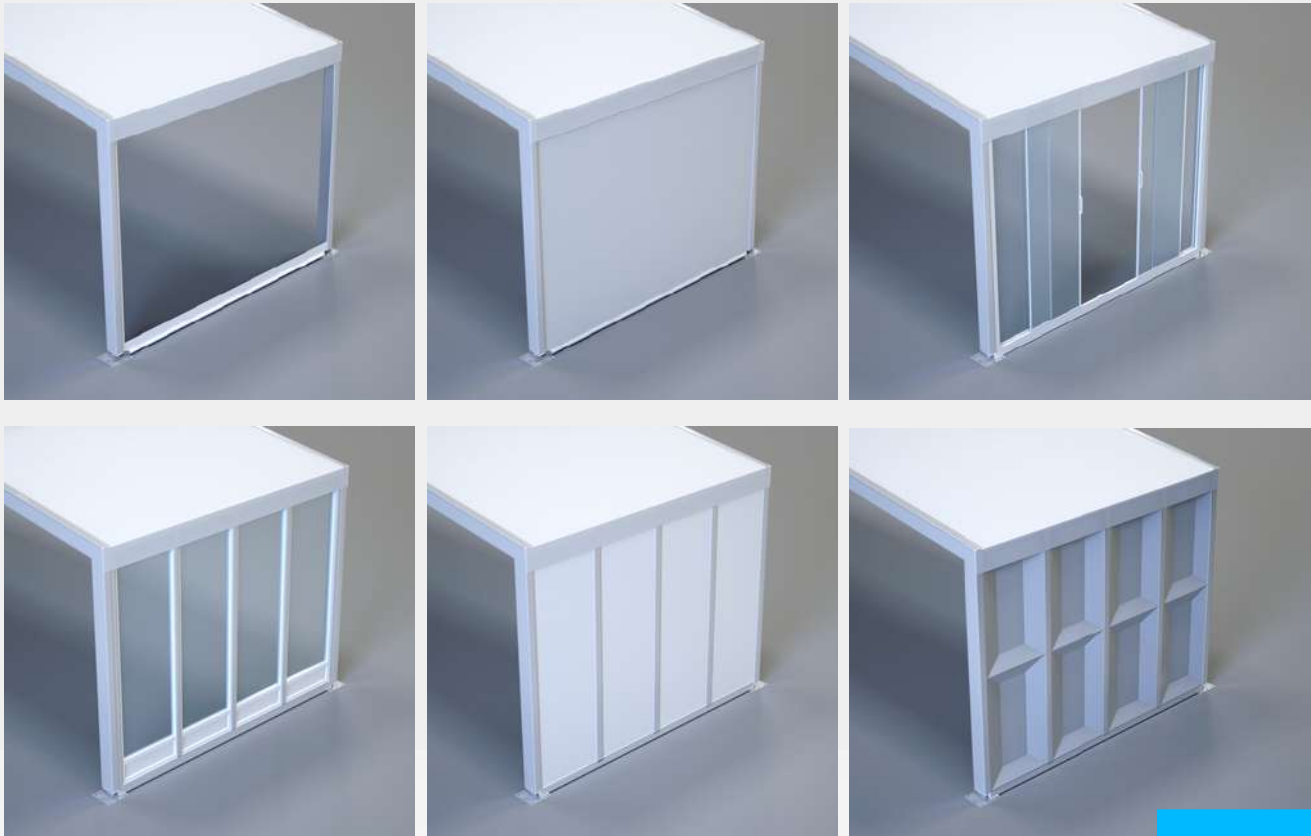
Our transparent Poly Glass PVC Covers allows for natural light and is an exceptional alternative to the white PVC Covers.

Gables

Gables come in translucent and opaque in either PVC or Poly Glass.

PERTH

Features



Wall Panels

Vinyl Facades

The Vinyl facade ensures a higher-quality side appearance and, thanks to its strength, offers better burglary and weather protection.

Insulated Facade

The insulated facade not only ensures a higher-quality side appearance, but in addition to its better protection against burglary and weather, it also offers additional thermal insulation.

Glass Facade

Available in a variety of designs, such as vinyl or aluminum frame, uninsulated or insulated glass, in various colours and tints.

Glass Sliding Walls

Entrances and exits or window elements in various facade systems, the glass sliding walls can be installed in our facade systems and visually adjusts to match the side paneling.

PVC Side Walling

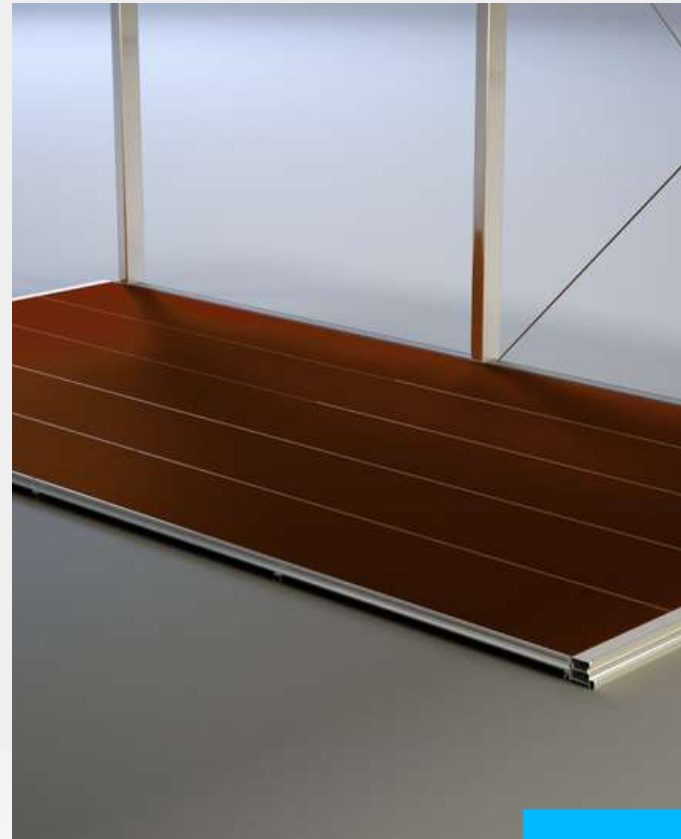
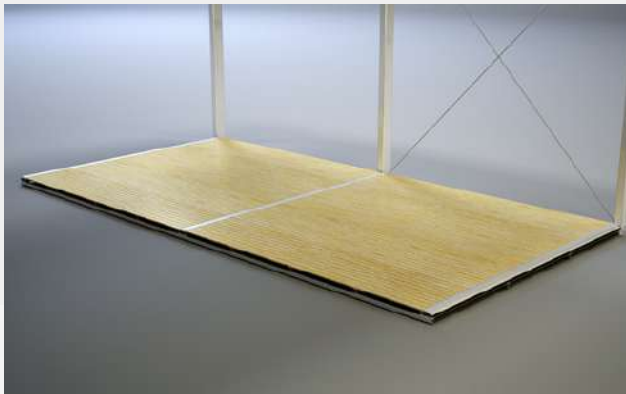
The flame-retardant PVC Covers according to DIN 4102-B1 is available in a range of colours, both translucent and opaque.

PolyGlass Side Awning

Our transparent covers for even more light is an exceptional alternative to the white PVC Covers.

PERTH

Features



Floors

Cassette Flooring

The visually appealing cassette floor is available with different wooden coverings and, with its lightweight aluminum substructure, has a traffic load of 350 and 500 kg/m².

Heavy Duty Flooring

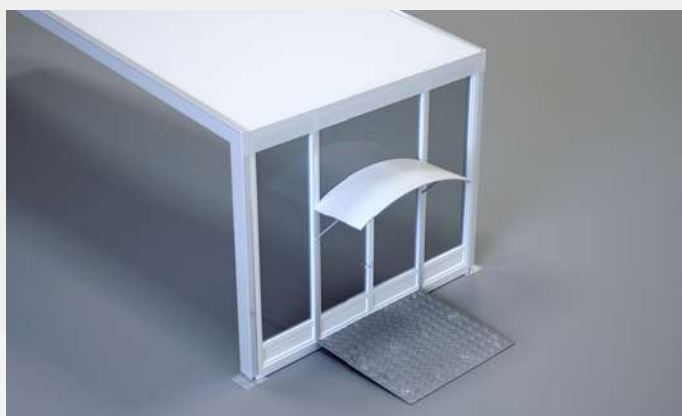
The heavy-duty floor is the most efficient floor system in our range, which can be quickly installed using a forklift or crane. In addition, it has a low transport volume compared to other flooring systems.

Steel Substructure Wooden Laying Panels

The steel substructure with wooden laying panels is a proven, solid and cost-effective flooring system that is available with a traffic load of 350 and 500 kg/m².

PERTH

Features



Doors & Accessories

Single Leaf/Double Leaf Doors

Entrances and exits in various facade systems, the single and double-leaf doors can be installed in our structure systems and visually adjusted to match the rest of the side paneling.

Indoor/Outdoor Ramp

To enable barrier-free access to our structure systems, we offer various entry and exit ramps made of steel and aluminum.

Overhead Door Canopy

Various canopies are available separately from our doors, which visually complete your entrance area and offer weather protection for this area.

Transport Racks

Our transport racks offer optimal protection for loading and storing all structure and accessory parts.

PERTH

Structure Types

Event Space

The Perth Structure provides a flexible and lightweight frame for event structures suitable for outdoor events, weddings, and corporate functions. These structures are visually stunning, easy to set up and take down on any terrain, and do not require time-consuming foundations.

Sports

Perth Structures are built using bespoke materials and building techniques specifically for sports buildings, offering great lighting, space, and temperature control for an ideal exercising environment. They use ABS wall panels, thermo roofs, cassette floors, and climate control to create sports buildings that are both practical and inspiring.

Government

Flexible building space for government agencies or local councils. Modular structures can serve as temporary field offices in areas where traditional construction isn't an option.

Education & Healthcare

Perth Structure provides a solution for temporary classrooms and covered social spaces in schools, colleges, and universities. Plus, healthcare, hospitals and aged care. They offer modular buildings in different sizes up to 25m wide, and can build in confined areas with limited space.





PERTH

Structure Types

Mining Camp Facilities

The Perth Structure is flexible and can be used as accommodation, mess halls, or emergency services space, with various flooring, wall, and roofing options available. Climate control systems and electricity access are also offered for a fully functioning space.

Flex Usage

The Perth Structure allows for a wide range of commercial space for virtually any application. The structure can be used for many purposes and is easier to meet a company's needs whatever it may be. This flexibility is ideal for a wide range of companies that need commercial space quickly.



PERTH STRUCTURE
CLUB MALUA

15.00m x 20.00m with Semi-Curved Roof



PERTH STRUCTURE
OTTIMO HOUSE

15.00m x 35.00m x 4.20m





PERTH STRUCTURE
RACKLEY SWIMMING

15.00m x 25.00m x 3.00m

PARTNER WITH US

Your Innovative Partner in Modular Building

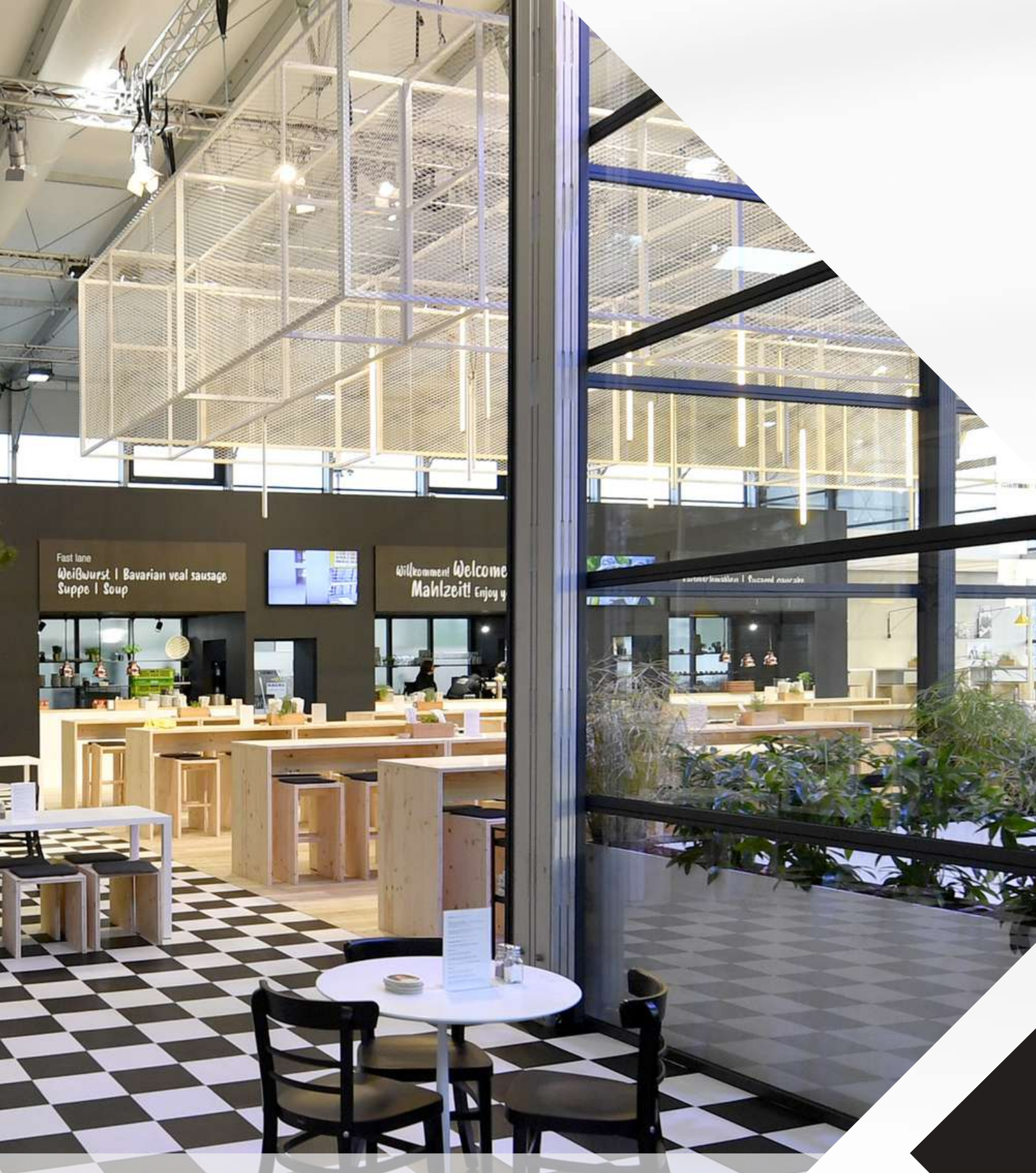
Modular buildings offer a sustainable and flexible approach to construction, allowing companies to reduce their environmental impact and promote recycling. They are ideal for companies interested in greening the building process.

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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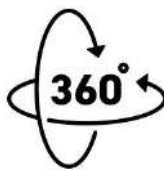
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GERMAN
ENGINEERED



CUSTOM
SOLUTIONS



RELOCATABLE
RECONFIGURABLE



PURCHASE
OPTION



GREENER
FUTURE

