



# MODULAR PRODUCTS



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## Introduction

HR Structures has one of the most technically advanced design & production centres in Europe.

HR Structures Australia are the official Australasian agent for HR Structures GmbH. A company that uniquely combines the customer care of a family run business with the service capacity of a global powerhouse.

Pioneering product innovation, quality and performance are at the heart of their products, people and processes, the German facility located in the Hessian town of Grebenhain, can produce up to 80,000 m<sup>2</sup> of new structures per week – ensuring fast, economical, factory-direct dispatch worldwide.

HR Structures GmbH state-of-the-art factory incorporates purpose-built production lines.

All structures are designed to comply with international design code criteria, including the USA-IBC2009/12 and AS/NZS standards.

All components used (roofs and walling systems) are designed to comply with international fire safety codes according to DIN 4102 B1, M2, BS5438/7837, USA NFPA701.



# OUR SKYLINE

## Commercial Design at it's Best

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With the Skyline structure you can get creative and build the space you see fit for your business. You have the option of building a customised space with a permanent foundation for long-term use.

Choose from single-storey or multi-storey, with a range of high-end facade systems, such as iso panels and vertical glass. There are endless possibilities including atriums, balconies, and terraces. Perfect for offices, hospitality, showrooms, restaurants and more, the Skyline creates a striking first impression.

With a fit-all modular system, we offer an effective solution to your commercial building requirements, with minimal impact on your surrounding environment.

You have the option of building a customised space with a permanent foundation for long-term use. Alternatively, you can opt for a short-term modular building to house almost any commercial application you like at any location.

Individual buildings are designed to integrate into multiple landscapes while managing the different site and climate conditions.



# FEATURES

## Structure Profile

- 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, PVC 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
- U-Values:
  1. Roofs – 1.5 W/m<sup>2</sup>K
  2. Walls & Gables – 0.44 W/m<sup>2</sup>K

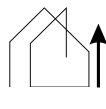
## Specifications



**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

## ROOF OPTIONS

Single-skin roof cover - Flame-resistant pursuant to DIN 4102-B1. Available in transparent or opaque.

Thermal roof cover - Double-skin roof cover, which is filled with air, provides additional insulation and condensation protection in the roof area. Flame-resistant pursuant to DIN 4102-B1. Available in transparent or opaque.

Parapet - Made of Alucobond or PVC material provides the classic "cube characteristic" with its own customisable look.

## WALL OPTIONS

Facade Walling System  
Insulated Wall  
Panoramic Glass wall  
Horizontal Glass Wall  
Vertical Glass wall  
Framed Glass

## FLOOR OPTIONS

Heavy Duty Flooring System  
Cassette Floor

## ANCILLIARIES

Ventilation panels  
Various door types  
Various window types  
Balconies  
Atrium  
Balustrades  
Mezzanine floor  
Signage Parapets  
External and internal stairs  
Disability access  
Wet areas  
HVAC





**HR** STRUCTURES

Skyline Structure

Werribee Motors

10.00m x 15.00m x 4.00m



**HR** STRUCTURES

Skyline Structure

Werribee Motors

Glass Facade with Black  
Powder-Coated Frame

# OUR CARGO

## Heavy Duty Contemporary Design

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The Cargo structure is a modular industrial building designed for the industrial sector. The Cargo 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 makes the Cargo Structure an excellent option for businesses within the heavy industrial industry that require economical structures fast. Perfect for storage, logistics, transport, waste management and recycling, agriculture, warehouses, industrial estates and more.

- Frames made from steel and aluminium
- Big enough and tough enough for heavy duty vehicle and equipment bays
- No foundations – any stable level ground will do
- 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





# FEATURES

## Structure Profile

- **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, Thermo PVC 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:** Steel-clad sandwich panels, steel sheet, facade walling system, vertical or horizontal glass walls, ABS solid wall
- **U-Values:**
  1. Roofs – 1.5 W/m2K
  2. Walls & Gables – 0.44 W/m2K

## Specifications



**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

### ROOF OPTIONS

Sandwich Panel  
Steel Sheet  
Thermo Inflatable Roof

### WALL OPTIONS

Facade Walling System  
Insulated Steel Sheet  
Non Insulated Steel Sheet  
Panoramic Glass Wall  
Horizontal Glass Wall  
Vertical Glass Wall  
Framed Glass Wall

### FLOOR OPTIONS

Heavy Duty Flooring System

### ANCILLIARIES

Ventilation panels  
Various door types  
Various window types  
Balconies  
Atrium  
Balustrades  
Mezzanine floor  
External and internal stairs  
Signage Parapets  
Disability access  
Wet areas  
Lighting  
HVAC  
Colour Options





# HR STRUCTURES

Cargo Custom Structure  
ARB 4x4 Accessories  
15.00m x 40.00m x 6.30m



# **HR** STRUCTURES

Cargo Custom Structure  
ARB 4x4 Accessories

Warehouse | Showroom |  
Retail Space with Mezzanine

# OUR MEGA

## Large Scale Commercial Construction

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Mega Structures are designed with a ridge height of up to 8.00m and span from 10.00m to 70.00m, providing sufficient space for storing mining machinery or large aircraft.

With its strong aluminium profile and fireproof wall panels, these structures are durable and strong. Structures are calculated to withstand wind loading based on the physical site location, and to meet Australian and European safety standards.

The Mega structure can be used in many commercial applications – including airport terminals, maintenance facilities or mining accommodation, transport logistics, shipping ports, railway stations, horticulture, agriculture – their flexible configurations adapt well to many large-scale commercial developments.











# FEATURES

## Structure Profile

- **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
- **U-Values:**
  1. Roofs – 1.5 W/m<sup>2</sup>K
  2. Walls & Gables – 0.44 W/m<sup>2</sup>K

## Specifications

|   |   |   |   |   |   |   |  |
|---|---|---|---|---|---|---|--|
|  |  |  |  |  |  |  |  |
| <b>Span Width</b><br>10.00m - 70.00m  | <b>Length</b><br>Unlimited in 5.00m bays  | <b>Side Height</b><br>Up to 8.00m   | <b>Wind Load</b><br>To site specifics   | <b>Custom</b><br>Fixtures & Dimensions available                                    | <b>Anchoring</b><br>As site specifically requires                                   | <b>Loads</b><br>Suspended loads up to 6 tonnes                                      | <b>Area</b><br>Free standing area over 5000 sqm                                      |

### ROOF OPTIONS

- Sandwich Panel
- Steel Sheet
- Thermo Inflatable Roof

### WALL OPTIONS

- Facade Walling System
- Insulated Steel Sheet
- Non Insulated Steel Sheet
- Panoramic Glass Wall
- Horizontal Glass Wall
- Vertical Glass Wall
- Framed Glass Wall

### FLOOR OPTIONS

- Heavy Duty Flooring System

### ANCILLIARIES

- Ventilation panels
- Various door types
- Various window types
- Balconies
- Atrium
- Balustrades
- Mezzanine floor
- External and internal stairs
- Signage Parapets
- Disability access
- Wet areas
- Lighting
- HVAC
- Colour Options





# HR STRUCTURES

Mega Structure Concept  
Sunshine Coast Airport

55.00m x 80.00m x 8.00m



**HR** STRUCTURES

Mega Structure Concept  
Hamilton Airport

Thermo Roof | 40.00m Hangar  
Door

# OUR VEGAS

## 5 Star Quality for any application

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The Vegas Structure provides unique functionality and creativity. It offers one of the most advanced and aesthetically appealing modular hospitality structures on the market. Our size and design options make the Vegas Structure a popular hospitality solution, including restaurants, cafes, as well as outdoor installations at tradeshow and other events.

Visually stunning and functionally adaptable, the Vegas Structure provides the optimum fit when good visibility is of prime importance. This modular structure sets the standard in the world of global events and hospitality.

Amplify your presence at your next trade show or industry event with the Vegas Structure. Its flexibility in design makes it perfect for outdoor event space, VIP lounge, product activations, or exhibition area.

This remarkable structure makes it an unforgettable space.

The Vegas structure is very durable and perfect for promotional space, commercial retail, cafes and restaurants. Plus, you can include wet areas, personnel doors, elegant entrance doors and so much more.



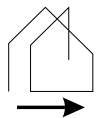


# FEATURES

## Structure Profile

- **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.
- **U-Values:**
  1. Roofs – 1.5 W/m<sup>2</sup>K
  2. Walls & Gables – 0.44 W/m<sup>2</sup>K

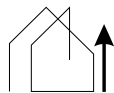
## Specifications



**Span Width**  
5.00m - 15.00m



**Length**  
Unlimited in  
5.00m bays



**Side Height**  
3.30m



**Custom**  
Fixtures & Dimensions  
available

## ROOF OPTIONS

**Single-skin roof cover** - Flame-resistant pursuant to DIN 4102-B1. Available in transparent or opaque.

**Thermal roof cover** - Double-skin roof cover, which is filled with air, provides additional insulation and condensation protection in the roof area. Flame-resistant pursuant to DIN 4102-B1. Available in transparent or opaque.

**Parapet** - Made of Alucobond or PVC material provides the classic "cube characteristic" with its own customisable look.

## WALL OPTIONS

ISO Panel  
Framed Glass  
PVC Soft Wall

## FLOOR OPTIONS

Cassette Floor

## ANCILLIARIES

Ventilation panels  
Signage parapets  
Various door types  
Various window types  
Atrium  
Balustrades  
Disability access  
Wet areas  
HVAC





**HR** STRUCTURES

Vegas Structure  
The Jetty CBR

15.00m x 20.00m x 3.30m



**HR** STRUCTURES

Vegas Structure  
The Jetty CBR

Shallow Pitched Roof | Black  
Powder-Coated Frame

# OUR PERTH

## Durable Structures for any Occassion

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The Perth Structure is very durable and can be used as promotional space, commercial retail, cafes, and for impressive product launches. Plus, you can include wet areas, personnel doors, elegant entrance doors and so much more. The Perth incorporates stunning panoramic framed glass walls to blend the outdoor/indoor experience. These impressive structures do not require a conventional foundation, they can be installed on existing level ground – perfect for any event type, including weddings and trade fairs.

These structures are a fantastic way to create event space without the need of a permanent venue. We've worked with wedding venues, retailers, festivals, and event management companies to provide the best solutions for their needs. The Perth Structure comes in a range of high-grade materials, including soft walled PVC and hard walled ISO panel.

The spacious interior allows you to present your product or service at its best, and with the option of a clear roof allows for the greatest impact.



# FEATURES

## Structure Profile

- 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: Singel 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
- U-Values:
  1. Roofs – 1.5 W/m<sup>2</sup>K
  2. Walls & Gables – 0.44 W/m<sup>2</sup>K

## Specifications



**Span Width**  
5.00m - 25.00m



**Length**  
Unlimited in 5.00m bays



**Side Height**  
4.00m



**Custom**  
Fixtures & Dimensions available



**Purchase**  
Request a Quote

### ROOF OPTIONS

Single-skin roof cover - Flame-resistant pursuant to DIN 4102-B1. Available in transparent or opaque in both A Frame and Semi Curve Frame roof design. Roof cover options are Clear/Transparent, Translucent and Opaque single layer or alternatively Thermo twin layer covers in Translucent and Opaque PVC.

### WALL OPTIONS

PVC Soft Wall  
ABS Solid wall  
Framed Glass

### FLOOR OPTIONS

Cassette Flooring

### ANCILLIARIES

Ventilation panels  
Signage parapets  
Various door types  
Various window types  
Atrium  
Balustrades  
Disability access  
Wet areas  
HVAC



# OUR MARQUEE

## Unmatched by any other Style of Marquee

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Whether you are looking to buy a large marquee or a permanent modular solution for outdoor events, corporate or wedding parties, festivals or trade shows, our marquee range will perfectly suit your needs.

These large-size event marquees are customisable to virtually any length with a span width from 3.00m to 60.00m with a bay distance of both 3.00m and 5.00m, and a side height up to 4.00m.

Our marquee range is extensive and versatile – we can produce a variety of compatible marquees that are engineered and designed to seamlessly integrate with temporary structure systems of other major suppliers. This grants you the freedom to choose from a range of suppliers without compromising on quality, availability, or pricing.

At HR Structures, we manufacture event marquees for sale that offer exceptional strength, durability, and coverage that is unmatched by any other style of marquees on the Australian market.

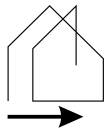


# FEATURES

## Structure Profile

- 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
- 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: ABS solid wall or PVC soft walling.
- U-Values:
  1. Roofs – 1.5 W/m<sup>2</sup>K
  2. Walls & Gables – 0.44 W/m<sup>2</sup>K

## Specifications



**Span Width**  
3.00m - 60.00m



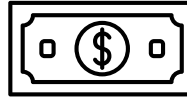
**Length**  
Unlimited in 3.00m & 5.00m bays



**Side Height**  
4.00m



**Custom**  
Fixtures & Dimensions available



**Purchase**  
Request a Quote

## ROOF OPTIONS

Single-skin roof cover - Flame-resistant pursuant to DIN 4102-B1. Available in transparent or opaque.

Thermal roof cover - Double-skin roof cover, which is filled with air, provides additional insulation and condensation protection in the roof area. Flame-resistant pursuant to DIN 4102-B1. Available in transparent or opaque.

## WALL OPTIONS

Framed Glass  
PVC Soft Wall  
ABS Solid Wall

## FLOOR OPTIONS

Cassette Floor

## ANCILLIARIES

Ventilation panels  
Signage parapets  
Various door types  
Various window types  
Balustrades  
Disability access  
Wet areas  
HVAC





**HR** STRUCTURES

Marquee  
Corporate event

10.00m x 30.00m x 2.30m





**HR** STRUCTURES

Marquee  
Corporate event  
Clear Roof

## Your Innovative Partner in Modular Building

Modular buildings provide better opportunities for companies interested in greening the footprint of the building construction process, as well as the impacts of recycling the building after it's complete. As modular structures deliver positive environmental outcomes, then modular construction can be an ideal fit for any company looking for a flexible, renewable, and sustainable method of building.

Modular construction is a highly streamlined process that can see project times reduced by up to 50% as the structure components are manufactured offsite. And the insulated structure ensures a more consistent R-value rating (the measure of thermal resistance).

Modular structures are leading the way to reduce the extraction of new material resources, demolition waste, construction time and transportation costs, while ensuring that these structures have a new purpose beyond its planned lifespan.

Structures can be relocated, packed down in a matter of weeks and moved to another site. They can also be repurposed for different functions – including applications in the commercial and industrial sectors – their flexible configurations adapt well to different applications, such as offices, hospitals, warehouses, airport terminals, sporting facilities and many other large scale commercial developments.



**Design.  
Innovation.  
Tradition.**





**Build Your Next Project**

**HR** STRUCTURES

## CONTACT



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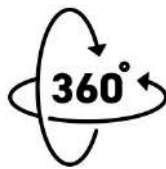
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GERMAN  
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CUSTOM  
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RELOCATABLE  
RECONFIGURABLE



PURCHASE  
OPTION



GREENER  
FUTURE

