



VEGAS STRUCTURE



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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 m² 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.



**Design.
Innovation.
Tradition.**



OUR VEGAS

Flexibility & Customisation

The Ideal Solution for Event Planning

The Vegas Structure has become a go-to choice for business owners, event organisers, and agencies looking to create unforgettable experiences for their customers. With modern design, the Vegas Structure has found its place in the realm of event planning and is an innovative and elegant choice for hosting annual events.

The Vegas Structure comes in a variety of sizes and shapes, offering the versatility and ample space needed to accommodate any type of event. From wineries to sporting club VIP marquees, the Vegas Structure can help elevate your event outcomes and create a chic atmosphere.

The primary advantages of choosing the Vegas Structure are flexibility, customisation, and sustainability. The interior and exterior of the structure can be tailored to match your brand, ambiance, decor, lighting, and much more. The interior of the structure can be customised according to your exact specifications, including the option of solid panel walls or visually stunning floor-to-ceiling framed glass walls with a double opening glass entrance door. The Vegas Structure can be set up in any location, from open fields to urban settings.



OUR VEGAS

Benefits

The Vegas: A Quick and Affordable Event Solution

Short set up time – The Vegas takes just weeks to set up an event venue, cafe, restaurant, or bar, meaning that you can start earning money back faster. Those who are expanding their existing venue or café can quickly get back to business.

Saves money – The Vegas is more affordable compared to permanent structures. They work well with a tight budget, making them the best for beginners or pop ups.

Highly flexible – Those who are using leased land might need to move their structures after some time. With the Vegas, this is very possible. It's easy to set up and disassemble when necessary.

Durable – The materials used are durable. The Vegas requires little maintenance. Choose from glass walls, or solid panel walling. Modular structures are made from a hard-pressed aluminium frame which is very durable and perfect for semi-permanent use.



OUR VEGAS

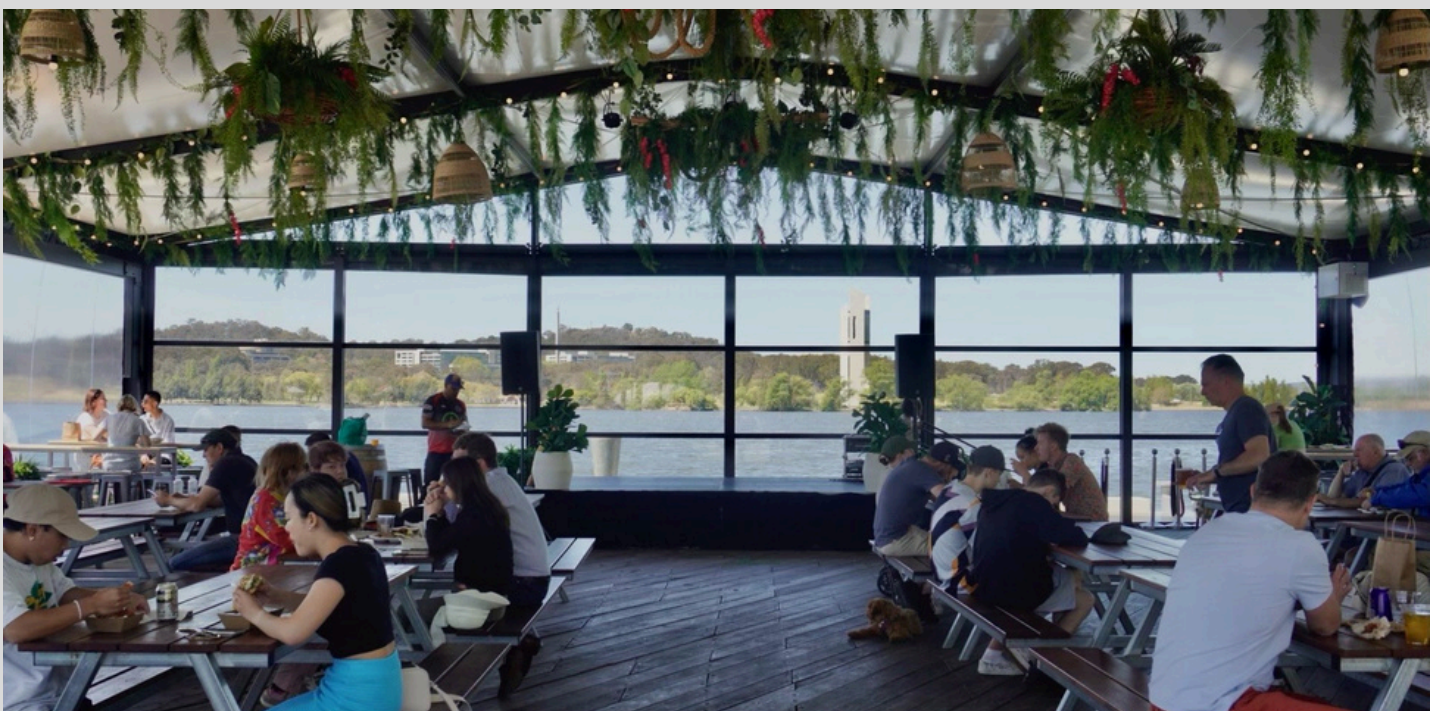
Next Level Events

An Innovative Modular System

Crafted from premium quality aluminum and glass, the Vegas is a highly versatile and aesthetically pleasing event structure. Due to its modular design, you can adapt the Vegas to your location and available space. Widths range from 5.00m to 15.00m with a 3.30m side height and unlimited lengths of 5.00m bays. Choose from solid or glass paneling options to suit your preferences.

Powder-coated in black, the outward-facing metal frame is sleek and durable. The interior finish options include carpeting, cassette flooring, ceiling lining, lighting, and HVAC, all designed to provide maximum comfort. The roof features the Parapet system, made of Alucobond or PVC material, which gives the classic "cube characteristic" with a customisable look. Or you can choose a shallow pitch curved roof made of Thermo Twin layer PVC in white opaque.

In short, the Vegas is the most advanced and aesthetically appealing event structure available in the market today.

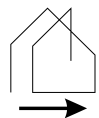


FEATURES

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 Inflatable Roof, 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. PVC soft walling relative to the situation requirement.
- **U-Values:**
 1. Roofs – 1.5 W/m²K
 2. Walls & Gables – 0.44 W/m²K

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-retardant 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

Vinyl Façade
Insulated Façade
Glass Façade
Glass Sliding Walls
PVC Side Walls
Polyglass Side Walls

FLOOR OPTIONS

Cassette Floor
Heavy Duty Floor

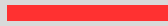
ANCILLIARIES

Signage parapets
Various door types
Various window types
Indoor/Outdoor Ramp
Gutter/Downpipe
HVAC
Overhead Door Canopy
Ventilation Panels
Balustrades
Disability access
Wet areas



VEGAS FEATURES

Accessories



Roof Cladding

Single-Layer Roof PVC Covers

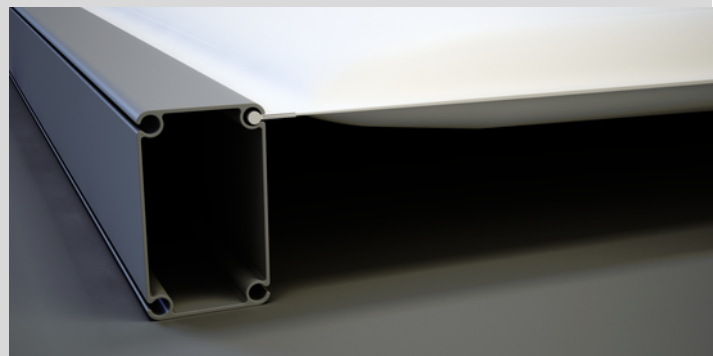
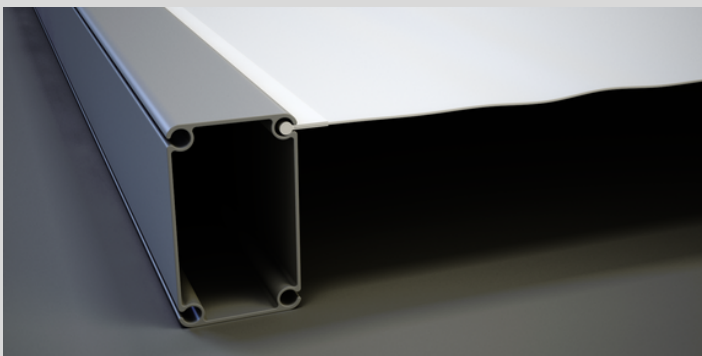
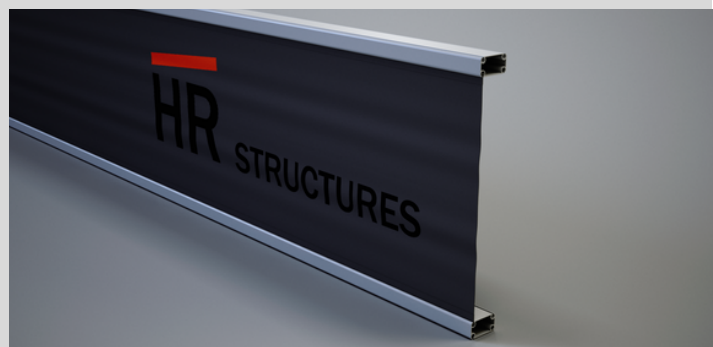
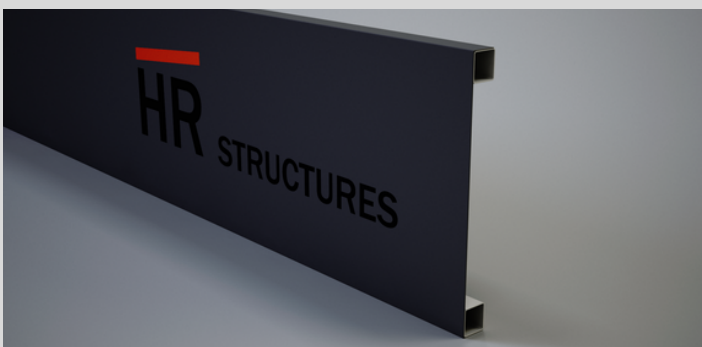
The PVC Covers, which is flame-retardant according to DIN 4102-B1, is both translucent and opaque and available in a wide variety of colours.

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, 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

Accessories

Side Panels

Vinyl Facade

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

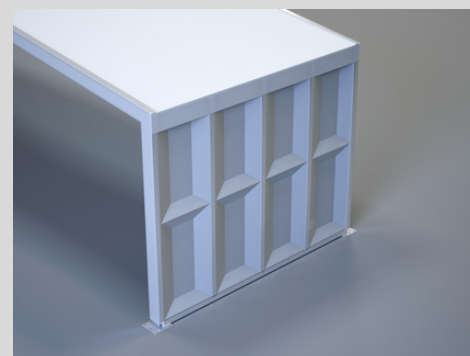
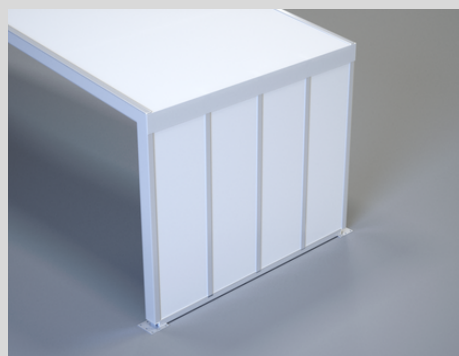
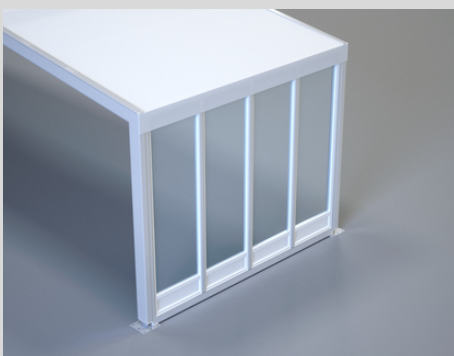
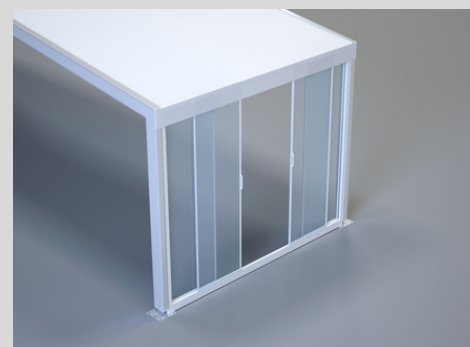
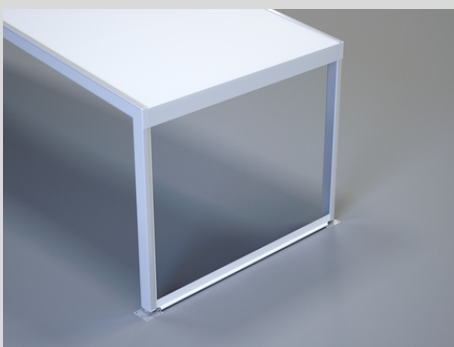
Entrances and exits or window elements in various facade systems, the glass sliding walls can be installed in our facade systems and visually adjusts to match the side paneling.

PVC Side Walling

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

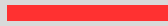
Polyglass Side Awning

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



VEGAS FEATURES

Accessories



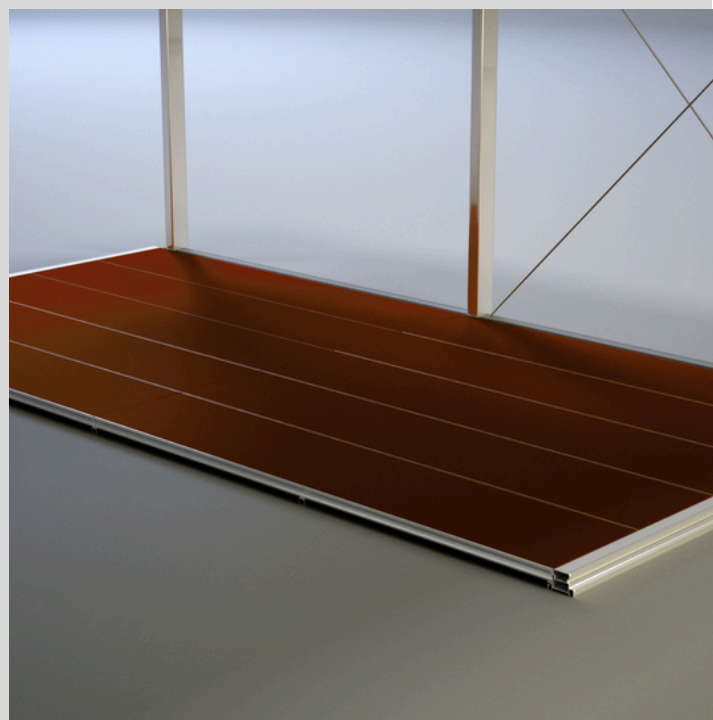
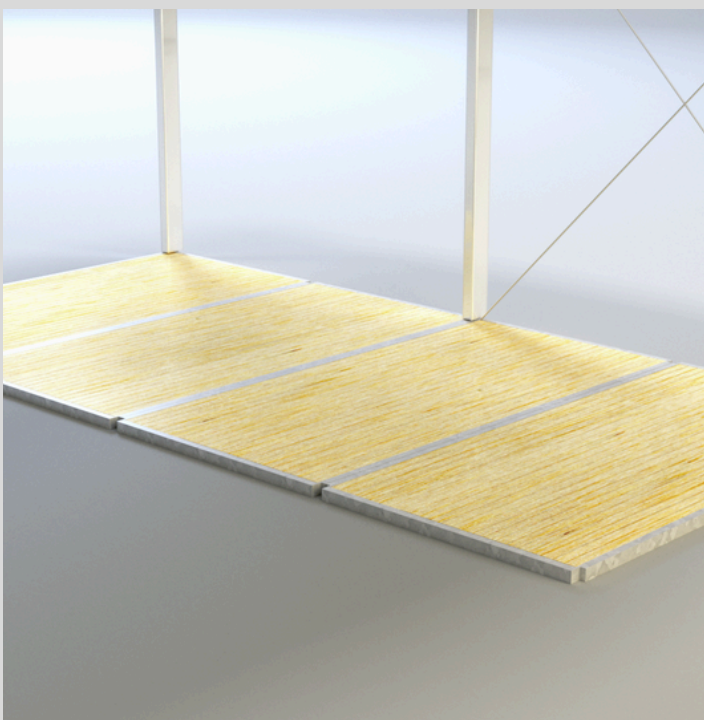
Flooring

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.



VEGAS FEATURES

Accessories

Doors & Accessories

Single-leaf door / 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

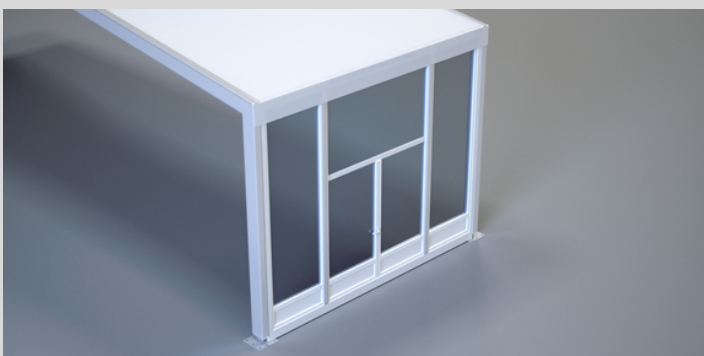
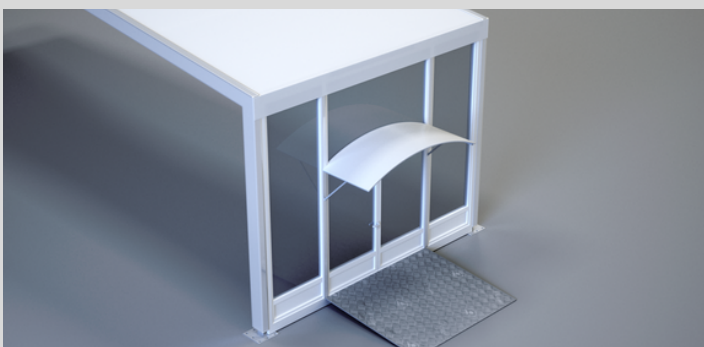
To enable barrier-free access to our structure systems, we offer various entry and exit ramps made of steel and aluminum.

Overhead Door Shelter

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

Transport Racks

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



OUR VEGAS

Structure Types

Modular Cafes & Restaurants

Food businesses can have a customised and professional-looking Vegas Structure that matches their brand, allowing for accurate future growth planning without time delays or unexpected expenses. The Vegas Structure can easily accommodate expansion or reduction of kitchen or seating space as needed.

Wineries

HR 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 structure is designed to meet high standards for horse racing events, prioritising the spectator experience with unobstructed views of the racetrack. Featuring sleek glass frontages, it also offers space for retail stores, restaurants, cafes, product activations, and various entertainment and hospitality areas.



OUR VEGAS

Structure Types

Product Activations

The Vegas offers the flexibility of styling to distinguish your brand, whilst offering your guests a unique perspective. Interior elements can be finished to client specification, with options for colours and branding. The structure can be preassembled with lighting and electrical fittings as required.

Annual Events

The Vegas Structure offers standard and customised designs that integrate well with public spaces and comply with international standards. It's a modular system that can be used for annual events, year on year, leaving no impact on the ground once dismantled, and engineered to perform well in demanding environments.





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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

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 days 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.



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**Design.
Innovation.
Tradition.**



Build Your Next Project

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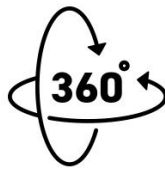
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