



# EVENTS & STAGES

Festivals & Concerts

Backstages

Weddings

Corporate events

No limits to **stand out**  
from the crowd

[www.irmarfer.com](http://www.irmarfer.com)

  
IRMARFER  
STRUCTURES

# WHY IRMARFER?



We have **25 years of experience** in supplying structures for a wide range of uses worldwide. The **recognition** of our products and services is a reality on a **global scale**. Our wide experience in **designing, manufacturing, and delivering** structures, allied with our **constant investment** in **developing** and **innovating new solutions**, places us as the **Iberian leader** in the industry, and one of the worldwide reference players in the structures market.



## COST-EFFECTIVE

**Less expensive** than traditional buildings. They require less material and labor to manufacture, transport, and assemble, making them a cost-effective option for many applications. Possible to achieve **70% of cost savings** when compared to a permanent building.

## FLEXIBILITY

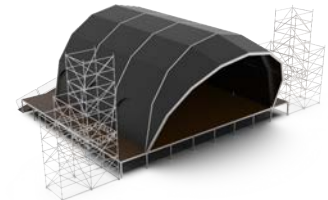
We can design structures of **any size**, and install them in almost any location. We can sell or hire for the time that suits your needs. The structures can be **modified or relocated** to fit your business requirements.

## QUICK INSTALLATION

Easy to transport, assemble, and reassemble, a temporary structure can be **installed in a few days**, reducing labor costs and minimizing disruptions to ongoing operations.

## RISK MANAGEMENT

In uncertain times, a temporary building is a **lower risk option** than constructing a permanent facility.



## SAFETY

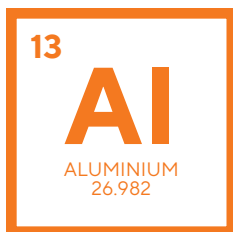
Independent of the purpose, our structures follow all the specific requirements regarding **stability** and **safety**. Our structures are made of fire, snow, and windproof materials and are in compliance with EN 13782 for temporary structures and any applicable code or standard for permanent structures.



## DURABILITY

All of our structures are resistant to environmental influences and can have a **useful life of up to 60 years**. Such characteristics are possible due to the use of **high-quality materials** and state-of-the-art processing methods. They can withstand cyclones, storms, rain, and strong sunlight for long periods.

**CE** Our products are CE compliant



# IRMARFER ALUMINIUM SYSTEM

## Why choose aluminium?

1

### ADAPTABLE & RELOCATABLE

Aluminium is a highly versatile material, so it can be fabricated into a wide range of shapes and sizes. It's also lightweight so it's easy to transport, assemble, disassemble and relocate the structures. The modular system allows to expand and adapt the structures to all needs.

2

### LOW MAINTENANCE

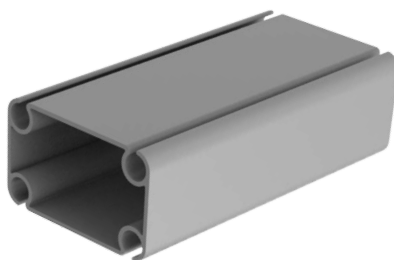
Aluminium requires minimal maintenance, which makes it a cost-effective material.

Unlike other metals, like steel, aluminium is naturally corrosion-resistant, so it does not need to be painted or coated to protect it from corrosion.

3

### SHORT BUILDING TIME

All products are designed and produced for a simple and fast assembly process. The assembly of all elements is done by clicking and/or bolting methods, reducing the construction time.



4

### RECYCLABLE & SUSTAINABLE

Aluminium is 100% recyclable, it can be recycled over and over again without losing its properties. Which makes it an environmentally friendly. It has an extended service life and less waste of resources. Low CO2 footprint.

5

### TRANSPORT & LOGISTICS

Due to its low density, malleability and lightweight, aluminium is easy to transport. Doesn't require extensive protective measures, reducing transportation costs, and it also has a lower environmental impact.

## ALUMINIUM CONSTRUCTION VS STEEL CONSTRUCTION

**Density:** The density of aluminium is about one-third that of steel

#### Maintenance of buildings:

- Aluminium can be 8 times cheaper to maintain than steel, in an aggressive environment
- Aluminium can be 5 times cheaper to maintain than steel, in a normal environment.



# IRMARFER ALUMINIUM SYSTEM

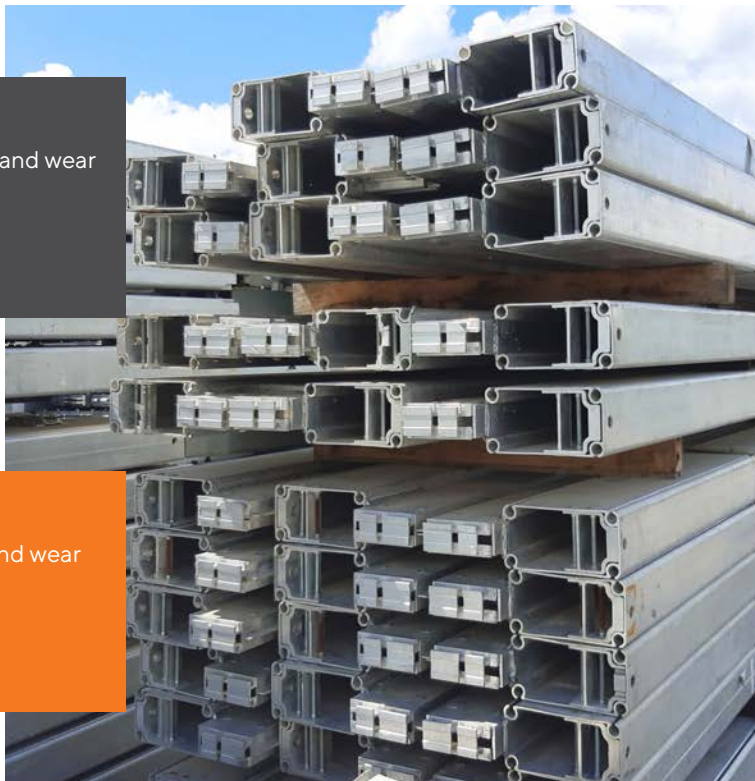
## Aluminium Options

### NON-ANODIZED ALUMINIUM

- more susceptible to corrosion, scratches, and wear
- uneven appearance
- less expensive
- faster to delivery

### ANODIZED ALUMINIUM

- more resistant to corrosion, scratches, and wear
- more consistent appearance
- more durable
- more expensive



### LACQUERED ALUMINIUM

Lacquered aluminium means that the aluminium has been coated with a layer of lacquer, a type of clear or colored varnish, that protects the aluminium and enhances its appearance. The lacquer coating provides a **smooth** and **glossy finish** that is **highly resistant** to corrosion, scratches, and wear.

Lacquered aluminium is commonly used in our padel and tennis structures.

E.g.: brown



E.g.: green



E.g.: black





## EVENTS & STAGES

Every event needs to **stand out from the crowd**, by creating the perfect atmosphere for its public. At Irmarfer, we design **versatile** and **unique solutions** that will create the biggest impact on your event. Besides stunning structures, we design solutions that respond to the **highest technical requirements** that your project may have.

If we are talking about concerts or festivals, we know that besides the **main stage**, they often need other facilities. So we do not just provide main stages but also produce **VIP areas, backstage, floorings, technical areas, and other facilities**.

We constantly seek **innovative** solutions combining **aesthetics** and **technical** aspects, so that every event can become a **unique entertainment experience**. We can engineer solutions for any purpose, from **festivals, concerts, weddings, private or corporate events, clubs**. With Irmarfer, there are **no limits to your vision or imagination, we can always make it happen**.

### KEY ADVANTAGES:

- **Versatility** e **flexibility** in design
- High **rigging capacity**
- **Sustainable** solutions
- **Fast** delivery and installation



**TAKE YOUR EVENT TO THE NEXT LEVEL**



# EVENTS & STAGES

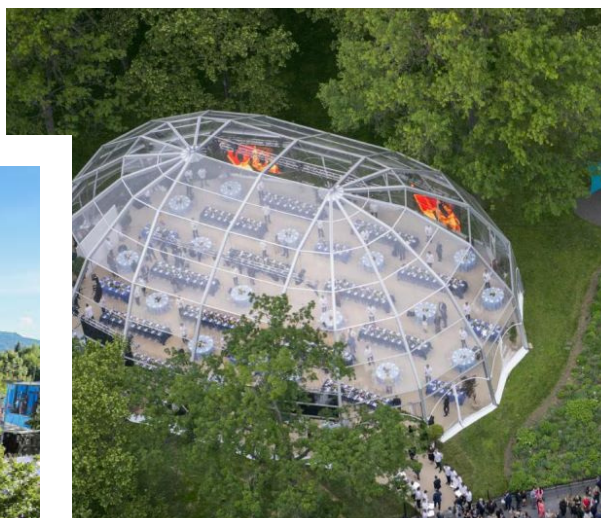
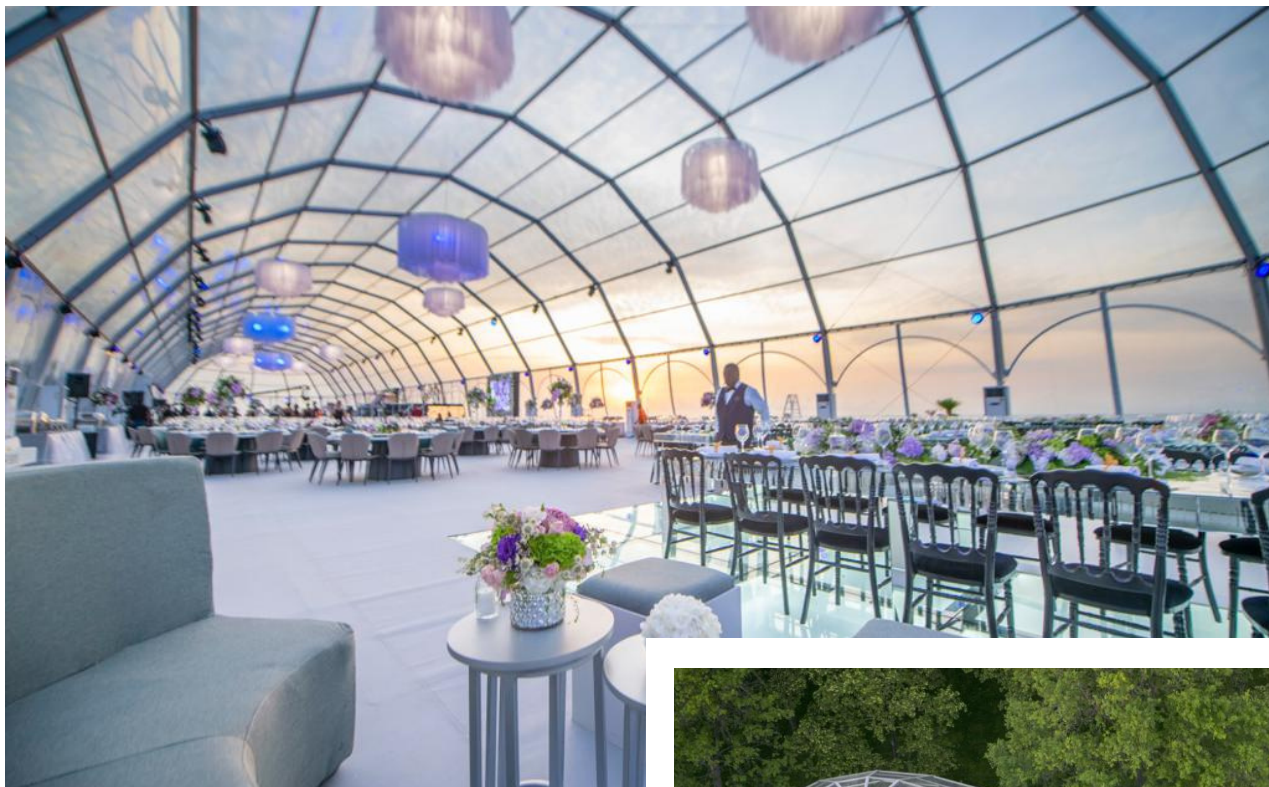
## STAGES & BACKSTAGES | FESTIVALS & CONCERTS





# EVENTS & STAGES

WEDDINGS | PRIVATE & CORPORATE EVENTS | GALAS





# EVENTS & STAGES

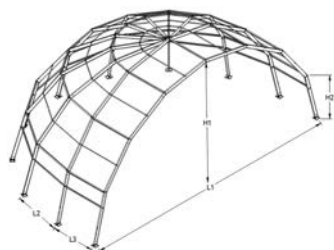
CLUBS | VIP AREAS | ICE RINKS





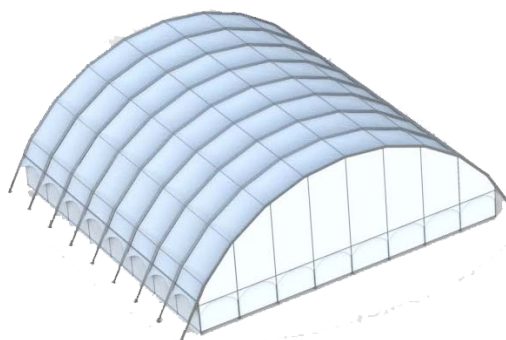
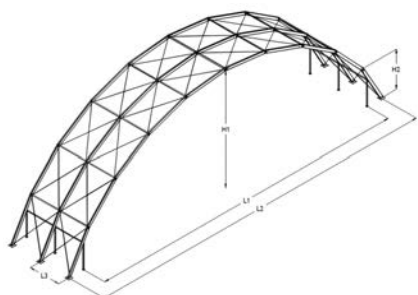
# EVENTS & STAGES

## IGLOO



Specifications	Measure								
Diameter	L1	7,5m	10m	12,5m	15m	20m	25m	30m	40m
Distance between feet	L2	3,75m	3,85m	4,78m	4,63m	5,17m	5,55m	5,65m	4,0m
External ridge height	H1	4,65m	5,62m	6,44m	8,56m	10,23m	12,78m	14,4m	16,25m
Feet height	H2	2,4m	2,5m	2,5m	4,0m	4,0m	5,0m	5,65m	4,0m
Bay distance / grid	L3	5m	5m	5m	5m	5m	5m	5m	5m
Total Length		No limit. Expandable with the grid.							
Rigging Capacity - Up to	Per arch	300kg	300kg	300kg	450kg	450kg	750kg	1250kg	1250kg
Max. wind speed - Up to		100km/h							
Snow load		0,1kN/m <sup>2</sup>	0,1kN/m <sup>2</sup>	0,1kN/m <sup>2</sup>	0,1kN/m <sup>2</sup>	0,1kN/m <sup>2</sup>	0,1kN/m <sup>2</sup>	0,1kN/m <sup>2</sup>	0,1kN/m <sup>2</sup>

## WAVE

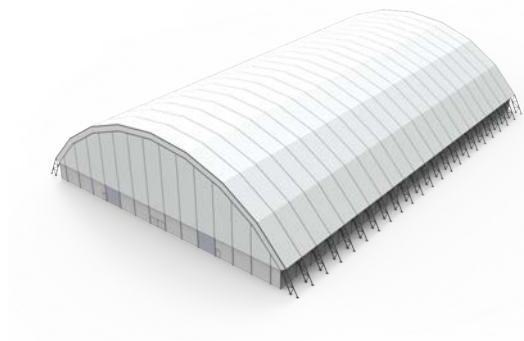
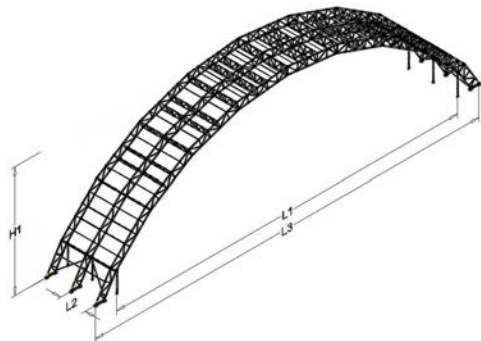


Specifications	Measure			
Outer span	L2	45m	55m	75m
Inner span	L1	40m	50m	70m
External ridge height	H1	15,6m	18,4m	22,5m
Feet height	H2	6,1m	6,3m	4,7m
Bay distance / grid	L3	5m	5m	5m
Total Length		No limit. Expandable with the grid.		
Rigging Capacity - Up to	Per arch	1500kg	2000kg	2000kg
Max. wind speed - Up to		100km/h		
Snow load		0,1kN/m <sup>2</sup>	0,1kN/m <sup>2</sup>	0,1kN/m <sup>2</sup>

Note: This is a summary of the main data and measurements of our standard structures. We can provide different options to match your requirements.

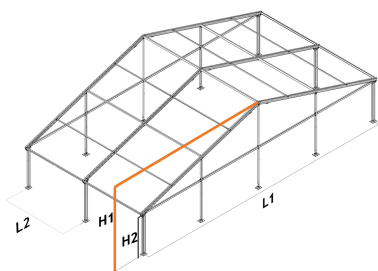
# EVENTS & STAGES

## ARCH TRUSS



Specifications	Measure					
Inner Dimension	L1	60m	70m	80m	90m	100m
Outer Dimension	L3	68m	78m	90m	100m	110m
Ridge height	H1	18m	21m	27m	30m	33m
Bay distance / grid	L2	5m	5m	5m	5m	5m
Total Length		No limit. Expandable with the grid.				
Rigging Capacity - Up to	Per arch	7 tonnes	7 tonnes	12 tonnes	12 tonnes	12 tonnes
Max. wind speed - Up to		195km/h				
Snow load		0,1kN/m <sup>2</sup>	0,1kN/m <sup>2</sup>	0,1kN/m <sup>2</sup>	0,1kN/m <sup>2</sup>	0,1kN/m <sup>2</sup>

## A-FRAME



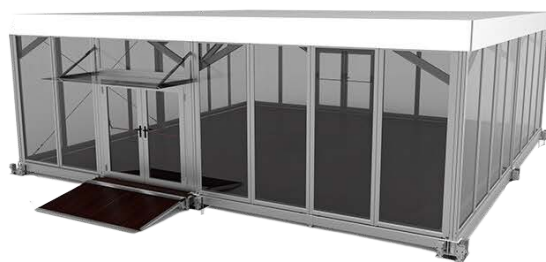
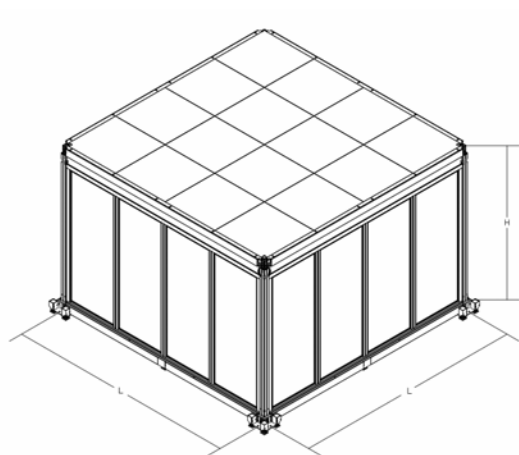
Specifications	Measure										
Width	L1	5m	7,5m	10m	12,5m	15m	20m	25m	30m	40m	50m
Side height	H2	3m	3m	3m	3m	3m	4m	4m	4m	4m	4m
Ridge height	H1	4,2m	4,7m	5,2m	5,7m	5,7m	7,5m	8,3m	9,1m	10,7m	12,4m
Bay distance / grid	L2	5m	5m	5m	5m	5m	5m	5m	5m	5m	5m
Total Length		No limit. Expandable with the grid.									
Rigging Capacity - Up to	Per arch	100kg	100kg	300kg	300kg	900kg	900kg	900kg	1200kg	1200kg	1200kg
Max. wind speed - Up to		100km/h									
Snow load		0,1kN/m <sup>2</sup>	0,1kN/m <sup>2</sup>	0,1kN/m <sup>2</sup>	0,1kN/m <sup>2</sup>	0,1kN/m <sup>2</sup>	0,1kN/m <sup>2</sup>	0,1kN/m <sup>2</sup>	0,1kN/m <sup>2</sup>	0,1kN/m <sup>2</sup>	0,1kN/m <sup>2</sup>

Note: This is a summary of the main data and measurements of our standard structures. We can provide different options to match your requirements.



# EVENTS & STAGES

## MULTI-DECK



Specifications	Measure				
Length	L	2,5m	3,75m	5m	7,5m
Height	H	3m or 4m	3m or 4m	3m or 4m	3m or 4m
Total Length		No limit			

## ADJUSTABLE SYSTEM IN HEIGHT PER FLOOR

### DOUBLE DECK

**Ground Floor** - 500kg/sqm

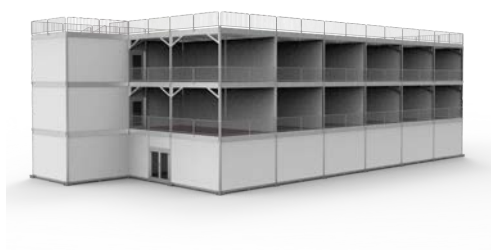
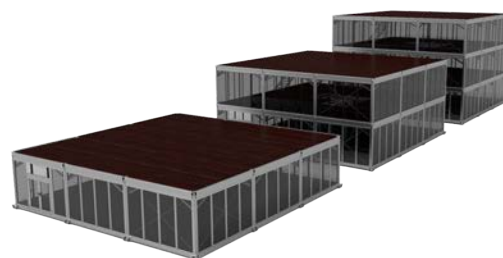
**First Floor** - 250kg/sqm

### TRIPLE DECK

**Ground Floor** - 500kg/sqm

**First Floor** - 250kg/sqm

**Second Floor** - 150kg/sqm



Note: This is a summary of the main data and measurements of our standard structures. We can provide different options to match the client's requirements.

The weight per floor is an estimate, it may vary according to the measures of the deck of each project.

