



Wooden Flat Dome - 16m

PRODUCT SHEET

DESCRIPTION



This dome shaped tent structure, our Wooden Flat Dome, is a self-supporting structure. The wooden interior structure is entirely made from sturdy, high quality, laminated & curved pine wood.

The name 'wooden flat dome' explains that the top curve of this dome is flattened compared to a semicircle. This increases the stability of the structure and gives it more of an Organic shape as occur in natural scenes.

MATERIALS

On top of this wooden structure, the top sail is attached. The top sail is made of Sailcloth fabric in a custom design cutting pattern.

What characterizes this sailcloth is its translucency, which provides a warm light during daylight hours and a pleasant 'glow' in the evening.

It is possible to fully or partially close the Dome structure with solid or clear sidewalls. There is 1 main entrance, but it is possible to create other entrances upon request.

COLORS

Top sail and sidewalls (if solid sidewalls) in ivory & midnight blue.



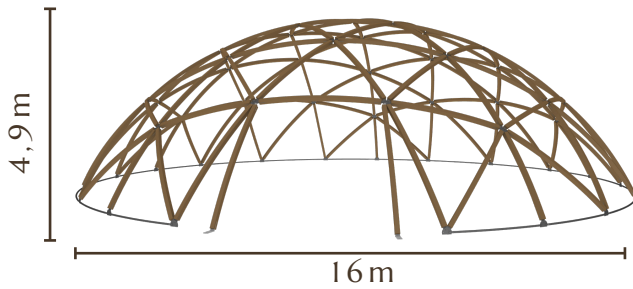
The inside of the dome can be decorated to your likings.





ORGANIC-CONCEPT

TECHNICAL DRAWING



This Wooden Flat Dome has a 16m diameter format with the highest central point of 4.9m. This Wooden Flat Dome has a surface area of 201 m².

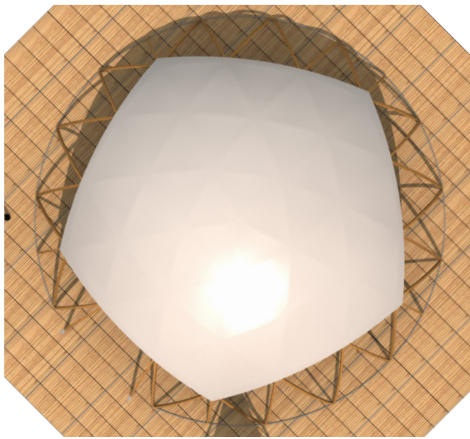
What's included?

Structure:

- Wooden Curved Beams
- Galvanized Steel / metal Ground Bars
- All Connector
- All necessary nuts & bolts

Top sail:

- Top sail in Sailcloth fabric
- Clear / Solid Sidewalls



What's necessary for build up?

To build up this structure, depending on the size of the Dome you will need a hydraulic hoist (for all domes above 20m diameter) and two sets of scaffolding (6Hx2L m). A build up manual will be provided after the purchase of this tent structure.

FLOORING

A flat surface is needed to install and anchor this structure. If the terrain is uneven the height differences can be eliminated by placing a wooden cassette or custom built floor under the tent, a floor of ..m x ..m is recommended.

LONG TERM INSTALLATION

This product is perfectly fit for a long term installation.

WEATHER

If there are high winds, it is possible to keep the sidewalls closed. Very important is that the structure is still firmly anchored all around. The tent can resist winds upto 120km/h.

In case of snow, the tent should be heated before it starts snowing. It is necessary to permanently melt the snow on top of your tent with a heating device, this prevents the tent from collapsing under the weight of snow or ice.

EXAMPLE FORMULAS

1. Ceremony   335

2. Cocktail   250

3. Walking dinner   200

4. Seated dinner   130

Important note - The formulas above gives an indication of the maximum capacity of the tent.