



Wooden Flat Dome - 16m

PRODUCT SHEET

EXAMPLE FORMULAS

1. Ceremony   335

2. Cocktail   250

3. Walking dinner   200

4. Seated dinner   130

Important note!

The formulas above give an indication of the maximum capacity.

DESCRIPTION



This dome-shaped tent structure, the 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 occurs in natural scenes.

MATERIALS

On top of this wooden structure, the top sail is attached. The top sail can be made of sailcloth fabric, Stretch fabric or Heavyweight fabric, in a custom made cutting pattern. The choice of the sail quality depends on the use, be it short or long-term and the overall look you wish to achieve. What characterizes the sailcloth is its translucency, which provides a warm light during daylight hours and a pleasant 'glow' in the evening. What characterizes the Stretch and Heavyweight fabrics are the colour options and fabric appearance.

It is possible to fully or partially close the Dome structure, with solid or clear sidewalls. On the 12m, 16m and 20m diameter Dome sizes there is one main entrance, but it is possible to create multiple entrances upon request. On the 25 and 30m diameter Dome sizes you can enter in between the Dome beam triangles.

COLORS

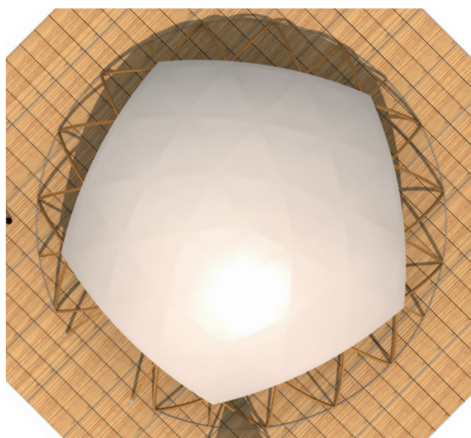
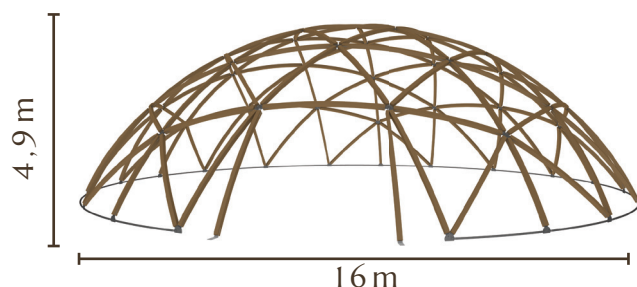
We offer a wide range of colours in different fabric solutions for both the Top sail and Sidewall system.



The inside of the Dome can be decorated according to your wishes.



ORGANIC-CONCEPT



TECHNICAL DRAWING

This Wooden Flat Dome has a 16m diameter with the highest central point of 4,9m. Surface area: 201m².

What's included?

Structure:

- Curved wooden beams
- Galvanized steel / metal ground bars
- All connectors
- All necessary nuts & bolts

Top sail:

- Top sail in sailcloth fabric
- Clear / solid sidewalls

What's necessary for build-up?

To build up Dome sizes 12m / 16m / 20m you will need, one to two sets of scaffolding (6Hx2L m). You can add a hydraulic hoist as extra support, but this is not a requirement.

To build up Dome sizes 25m & 30m you will need a 150 to 200Ton crane.

A build-up manual will be provided after the purchase of this tent structure.

FLOORING

A flat surface is required to install and anchor this structure. If the terrain is uneven, the height differences can be eliminated by placing a wooden cassette or custom-made floor underneath the tent, a floor of 17 x 17,5 m is recommended for the 16m Dome size.

LONG TERM INSTALLATION

This product is perfectly suited for a long-term installation.

WEATHER

In case of strong winds, it is possible to keep the sidewalls closed. It is very important that the structure is still firmly anchored all around. The wind loading specifications are available in the tent book certification we have available. In case of snow, the tent should be heated before it starts snowing. It is necessary to permanently melt the snow on top of the tent with a heating device, this prevents the tent from collapsing under the weight of snow or ice.

