



Garden

Cubes

Hot Barrel



Specifications

Wood	Spruce
Total height	2720 mm
Frame thickness:	140x 100 mm
Bottom frame	140 x 140 mm
	140 x 240 mm
Size of wall panel	1000 x 2200 mm
Thickness of wall	75 mm
Thickness of floor boards	28 mm
Thickness of floor frame	45 x 45 mm
Roof cover	Bitumen roll roofing
Thickness of roof panels	168 - 170 mm
Roof slope	1.31° (2.29%)
Maximum roof load	4.42 kN/m ² (442)
Size of wooden doors (W x H)	817 x 2035 mm
Size of windows with aluminum frames	1000 x 2200 mm
Size of 2-rails aluminum sliding system Alutech	2000 x 2200 mm
Size of 3-rails aluminum sliding system Alutech	3000 x 2200 mm
Size of 2-rails aluminum sliding system with locks	2000 x 2200 mm
Size of 2-rails aluminum sliding system with locks	3000 x 2200 mm

Specifications

The Floor.

The floor is made of 146 x 28 mm floor boards. Built with 135 x 90 mm Joists.



The Frame.

The frame is made from glue laminated spruce beams. Frame consists of bottom frame (140 x 100 mm), columns (140 x 140 mm), top frame (140 x 240 mm) and withstands 442 kg/m² roof load. They are perfect material for exceptionally stable and high quality timber construction.

The Walls.

The walls are made of spruce wood from FSC-certified spruce forests of Northern Europe. The light, golden-white spruce are ideal for Cubes constructions designs.



Standard full panel wall



Decorative sunscren wall



Decorative sunscren wall with tempered glass



Wooden tempered glass wall



Aluminium glass wall Alutech



Aluminium glass wall Reynaers

Standard full panel wall. Wall frame 75 x 45 mm, panel covered with inside 96 x 12 mm and outside 145 x 18 mm vertical spruce cladding boards.

Decorative sunscren wall. Wall frame 75 x 45 mm, horizontal sunscren wall consists of 18 x 95 mm boards.

Decorative sunscren wall with tempered glass. Wall frame 75 x 45 mm, horizontal sunscren wall with full tempered glasswindow.

Wooden tempered glass wall. Wall frame 75 x 45 mm with full tempered glass window.

Aluminium glass wall Alutech. 45 mm frame wide, aluminum profile of size 1000 x 2200.

Aluminum glass wall Reynaers. 47 mm frame wide, aluminum profile of size 1000 x 2200 mm with glazing: 2 x 4mm 2 x 4 U=1.1 4/xArTGI/4 GNP.

Specifications

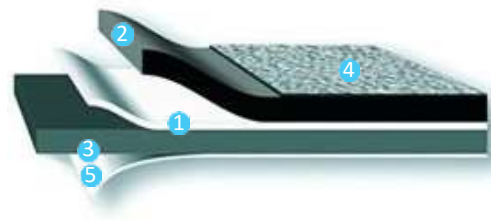
The Roof.

The roof panels are built with double rafter's construction and covered with 18 x 145 mm finishing boards. This construction withstands 442 kg/m².

All Garden Cube building's roof are 2.7m high and 1.31° (2.29%) slope.

We use a hydro-insulating SBS to ensure the highest level of waterproofing. MIDA UNIFLEKS - modified bitumen weld coating. It is produced in two types: surfaced with quartz sand - for the bottom layer of the roofing and surfaced with slate that ensures perfect UV-protection – for the top hydro-insulating protective layer of the roofing for Cube roofs.

Service life of MIDA UNIFLEKS roofing is 30-40 years. This is the most popular solution for a living roofs.



- 1 Base;
- 2 Polymer modified bitumen;
- 3 Polymer modified bitumen;
- 4 Surfacing;
- 5 Protective membrane.

The Doors.

The doors used in Garden Cubes come in several different materials: spruce wood doors with tempered glass windows and two models of aluminum doors with sliding system, which are very popular.



Wooden doors with tempered glass windows

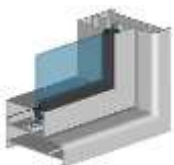


Aluminium sliding doors system Alutech



Aluminium sliding doors system with locks Reynaers

Wooden doors with tempered glass windows. 817 x 2035 mm wooden doors with large tempered glass windows.



Aluminium sliding doors system Alutech. Sliding parts are framed with aluminium frames, manufactured from "cold" single-chamber of Aluminium profile with non-insulating gaskets.

Sliding of the aluminum frame is made so that the entire structure is stable. Frames wheels designed for attachment to the motion and has aluminum profiles for vertical and horizontal adjustment, provides a particularly easy movement of moving parts.

Sealing brush prevents dust from entering the structure and compensates for vibration in the wind.

Specifications

All moving parts are very easy to remove and put it back, so there is no problem with cleaning glass from the outside.

In the closed position system has automatically locked and unlocked positions.

Handles and locks built into the aluminum profile, so during the opening, the glass always remains clean.

Corner profiles allow glazing cubes unite under different angles.

The lower part of the glazing is carried out with 6 mm glass laminate (laminated) or 6 mm hardened glass.

Characteristics of system:

System profile: wide of 30 mm frame;

Door profile depth of the frame and the sash: 45 mm;

Glass thickness: 6 mm;

This is single-chamber aluminum system.



Aluminium sliding doors system with locks Reynaers. The system with thermal insulation, manufactured from „warm“ two-chamber aluminum profile with thermal insulating gasket. Design depth is 50 mm for wings and 120 mm for frames double ground ways and 184 mm for triple ground ways frames.

Characteristics of system:

Characteristics of system:

Air tightness: Up to 600 Pa (class 4);

Water tightness: Up to 300 Pa (class 7A);

Wind load resistance: Up to 1600 Pa (class 4);

Glass thickness: 6 mm;

Profile frame: 17 mm.

The rainwater pipes.

The rainwater pipe package includes 4 m straight gutter and all parts needed for installation.

Down pipe package includes 2.5 m down pipe and all parts needed for installation.

No need for exact measurements and calculations and easy to transport and install, as all components needed are packaged compactly in a single package, ensuring safe delivery and easy installation.



Examples

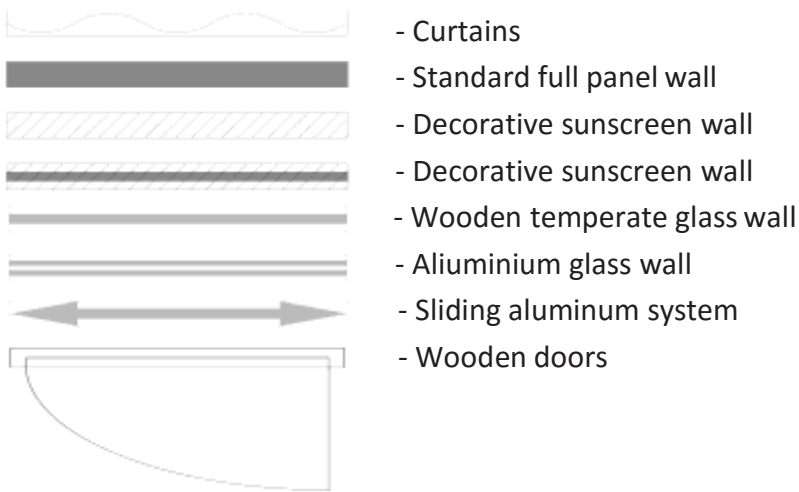
THE NEW WAY TO DESIGN OUTDOOR SHELTER.

Your outdoor space is your first chance to inspire and make an impression on neighbors and guests, so your GARDEN CUBE can be yours a much-needed boost. You can design your own GARDEN CUBE, just choose a frame and walls of our suggesting models.

To give you an idea of what you can create, we've put a few designs on our Cubes so you can see how many different options you can choose.

Remember, if you don't see exactly what you want, just contact us. If we don't already do it, we'll create it for you.

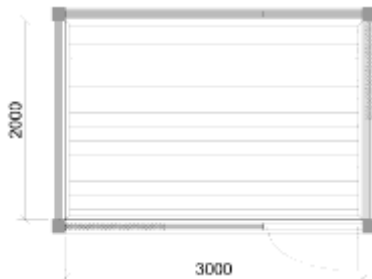
Example plans information



EXAMPLE - 3m x 2m

GARDEN CUBE 3m x 2m

- Garden Cube frame
- 5 units of standard full panel wall
- 2 units of wooden tempered glass wall
- 2 units of decorative screen wall with tempered glass
- Wooden doors with tempered glass windows





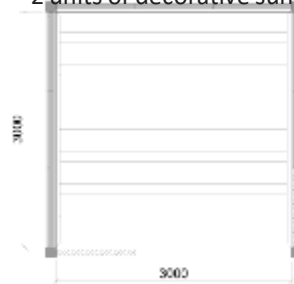
EXAMPLE - 3m x 3m

GARDEN CUBE 3m x 3m

Garden Cube frame

8 units of standard full panel wall

2 units of decorative sunscreen wall



EXAMPLE - 3m x 3m

GARDEN CUBE 3m x 3m

Garden Cube frame

8 units of wooden tempered glass wall

3 units of decorative sunscreen wall with tempered glass

Wooden doors with tempered glass windows



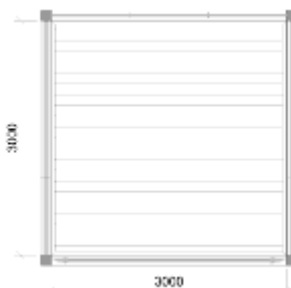
EXAMPLE - 3m x 3m

GARDEN CUBE 3m x 3m

Garden Cube frame

9 units of standard full panel wall

Aluminium sliding doors system Alutech

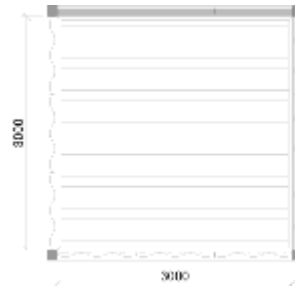




EXAMPLE - 3m x 3m

GARDEN CUBE 3m x 3m

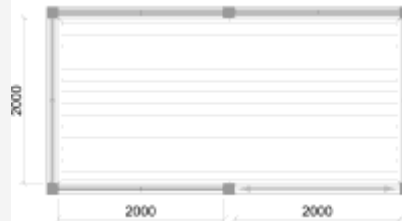
- Garden Cube frame
- 3 units of standard full panel wall



EXAMPLE - 4m x 2m

GARDEN CUBE 4m x 2m

- Garden Cube frame
- 6 units of standard full panel wall
- 4 units Aluminium glass wall Reynaers
- Aluminium sliding doors system with locks Reyners



EXAMPLE - 4m x 3m and 3x3

**GARDEN CUBE 4m x 3m
with 3m x 3m**

- Garden Cube frame
- 9 units of standard full panel wall
- 3 units of decorative sunscreen wall with tempered glass
- 2 units of Aluminium glass wall Reynaers
- Aluminium sliding doors system with locks Reyners

