

We congratulate you for choosing the most carefully planned and implemented Pavillon Cottage.

Next we are going to tell you, with pictures, how the cottage base, felt/glass should be installed and cluster Pavillons details.



The Bahamas & Barbados Pavillons are carefully planned and finished with a durable structure, and they are entirely made in Finland.

They are offered with an all-round interior design- and equipment selection depending on the chosen size and form.



Constitutions can be a wall of stones, blocks, panel of precast concrete or ORT steel screws, which will be attached onto or impregnated plank, form like floor strength of concrete (the best solution).

The floor elements are removed above the foundations so that the ventilated floor below.

The center of the image of a uniform bearing area. All surfaces in the same plane.



It is essential that the Constitution is the right size, and horizontally, and also remains horizontally.

The center of the image of a uniform bearing area. All surfaces in the same plane



Assembly of the Pavillon is needed, depending on the size of 2-5 people and, for example. The following tools, drill, 6/7/8/10 mm blade, screwdriver and Torx 10/20/25 and possibly Pz 2 and PH 2, level, socket wrench 13, 10 and 17 mm socket, extension bar and the hinge (preferably medium size), list nailing a suitable hammer or nail gun, a knife, carpet knife, a clamp, pin, screwdrivers, hand heat blower, saw, tongs, scraper, a chisel, shell-flexible handle 8 mm nut, rubber hammer, plane, sander, jigsaw, 8 meters measure, bolts to the walls temporary binding (flat bar in the holes), iron bar, a small crowbar, compressor / pressure hose/pipe street brush, brush, aluminum countertop, 2 - 3 x 7 with a stepped ladder, extendable ladder, a blanket / plywood floor pieces leveling bituminous felt and wood concrete / block between.

Dyggert, nails and roofing felt nails / hooks not included. 38 mm nails dyggert about 300 pieces. 20 mm thin roofing nails "roof ornament", small felt ball from the eaves, and nailing felt valley about 150 -200 pcs. In fact felt fixing of 16 mm is recommended for use with roofing nails or staples needed for 300 - 400 pieces, depending on the size of the pavillon Goggle mount required a colorless silicone and the drip edge under the list of upcoming sides of the adhesive will not included.

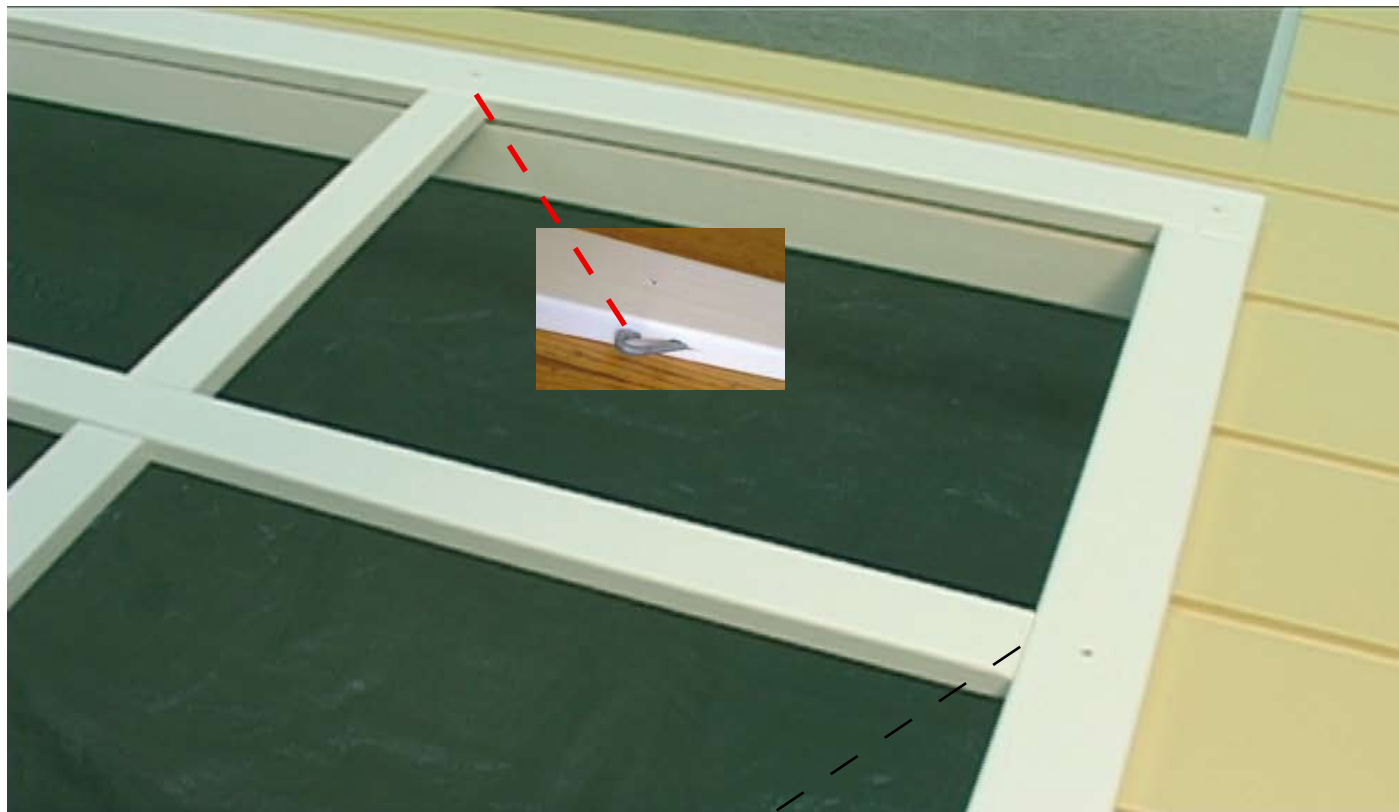


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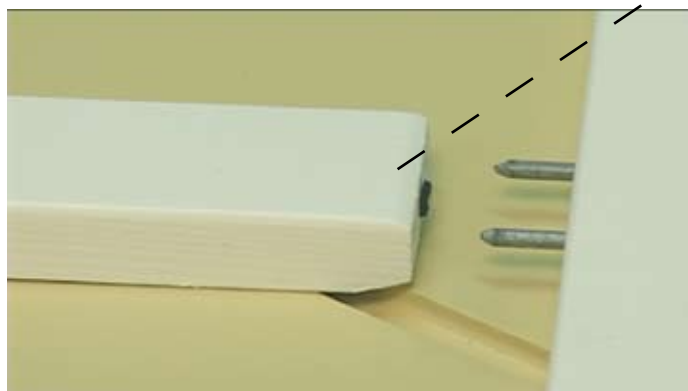
1. If you have selected a delivery driver without painting You might want to paint / paint the panels, and in other delivering future timber in a dry state prior to erection and shingles / glass fittings and mounting. Surfaces (uralevyjen roughening prior to painting, and the grooves carefully reviewing the paint), careful sealing, priming, intermediate grinding and double the surface of the painting is to be carried out carefully and use the surface for painting (2-fold), for example, Tikkurila, Quick Power, or Teknos Eco Nordica paint. First, priming of intermediate sanding and surface coats. Thus you have a joy about your Pavilions for decades to come. Painted surfaces should check the course over the years, for example. the potential for mechanical damage due to the paint and the wood surface does not get between the water / moisture destroy the wood.

2. The painting will be followed by glass wall elements in securing frames, more precisely, frames grooves, which the glass pane attached to a colorless silicone (not supplied), giving the bottom of thin glass and wood splinters framehole between assembly tolerance equalize. The glass is screwed onto the window frame. Glass close to the left and right of Pokka in the slot in which the opening window.





3. Some models windowcross frame is solid and they are painted as whole, before mounting the glass on top of the wall element.

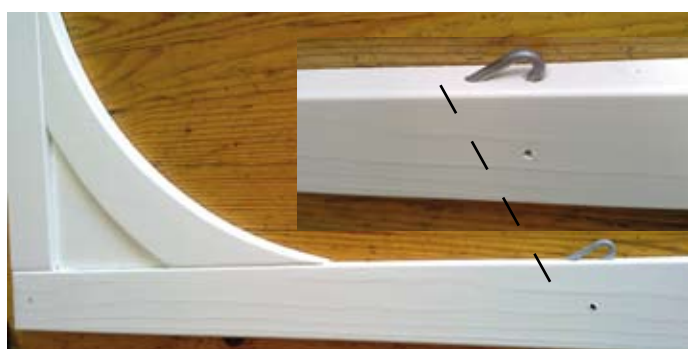


4. Those models for which the box has a removable grid (to facilitate window washing) is mounted on removable truss / frame määllyt and naulatapit in place until after painting, installation of a hammer on a firm surface, the nails will be visible from 13 to 15 mm, the tip of the nail upward projection hasps about 8 mm. the holes will not paint, but they are impregnated with varnish, as well as yläpuun bushing holes. Inner cross placed in the outer ring into place before screwing the whole place. The lower end of the truss will nail/gummi, so water does not remain lying in the middle. Horizontal frames other ends of the truss can be placed about 1 mm thick tread installation period.

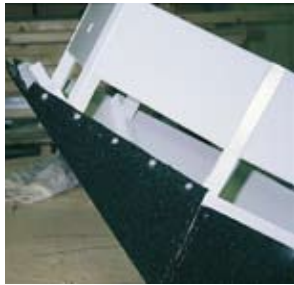
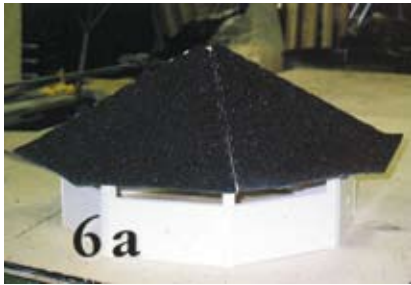
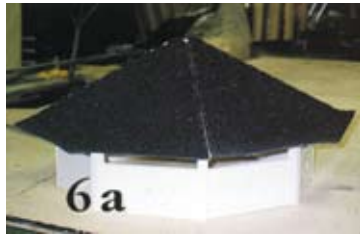


Outer ring attached to 3x25 mm Cylinder-head screw in place a central opening and symmetrically relative to one another.

In the appearing window is forced to frames smoothness intermediate frame for Screws.

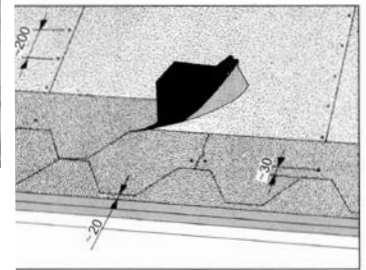
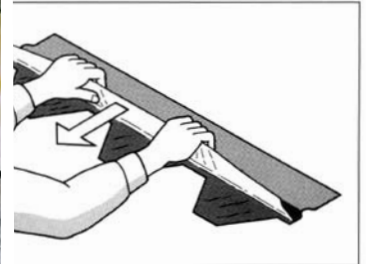




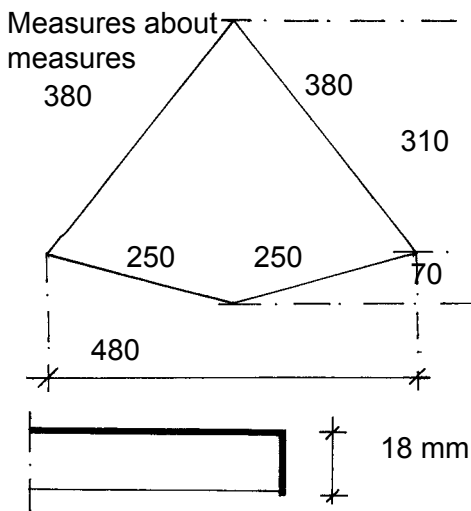


5 b. We will continue to the roof of the triangles tiles so that the cut B7 felt abode for a little roof triangle position longer than the width of pieces 6 pieces and B10 hut for 8 pieces.

We perform shingletriangle at a time so that we start paying a triangle position by cutting a piece of band-width, leaving approximately 18 mm in position to go over the layout for the future, and we pay the band about 12 mm staples or roofing nails roofing tile. Install images of shingles one place, followed by plates 2 and 3, which is cut abc songs for the next row and continue in accordance with the guidance image. Shingles are fixed according to the photos and about 18 mm edge is folded and attached to the eaves as shown by thin 20 mm gutters with roofing nails. Side of the triangle border section is cut with a knife off the mat.



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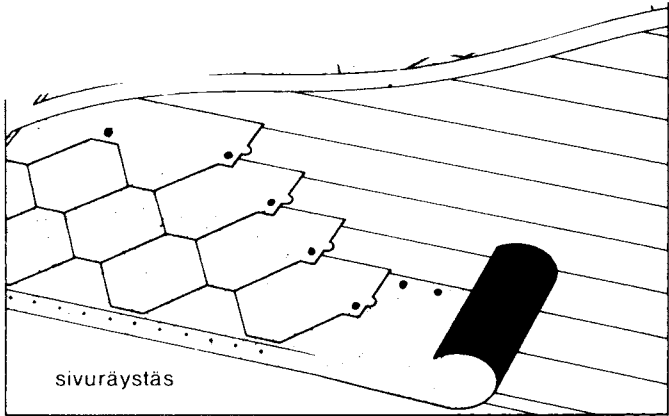


Pavillon 10 roof ornament sablon(B15 oval ornaments comes in four different sizes in the skins, a total of 2x8 pieces, and B7 tent 6 pieces, their design into question. Ornament roof of triangles

5. Next, it's time for the roof of the triangles covering with the felt. The delivery does not include roofing nails / staples. Before shingles any protective film is removed (3a). Depending on the width of the felt applied to parts of the volumes. 5 a. We start with ornament shingles

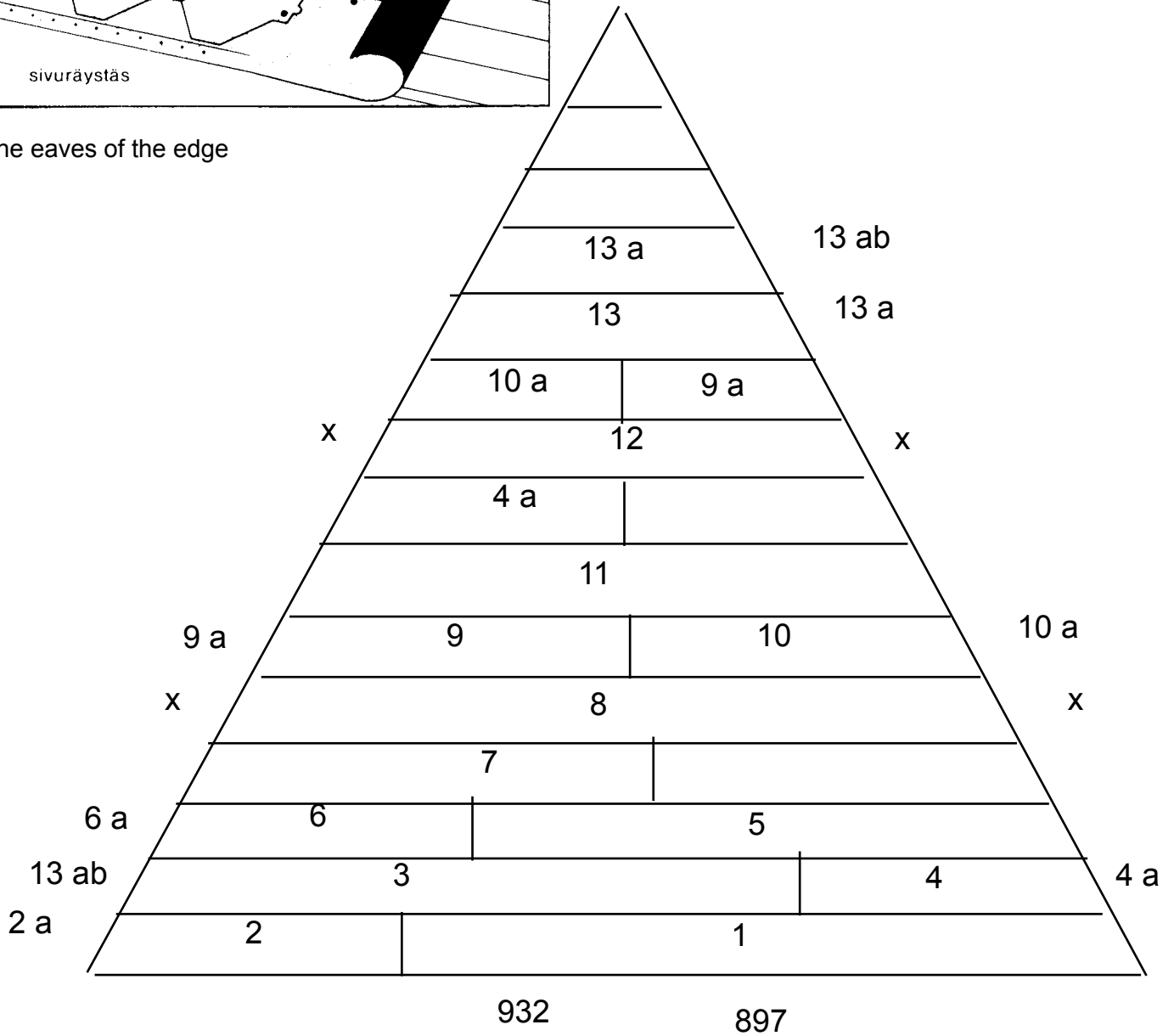
B 7 and B 10, shown in the drawing of such a cardboard template that is cut, the leak from the filts 4 (1a), which hook over long page, so that abroad is about 18 mm edge (5a and 6a), which nailed to the thin 20 mm roofing nails as shown. Spike attached to the image 60 mm screws according to the peak, and hides the seams, and sealed with sealant, and / or fillets.





the eaves of the edge

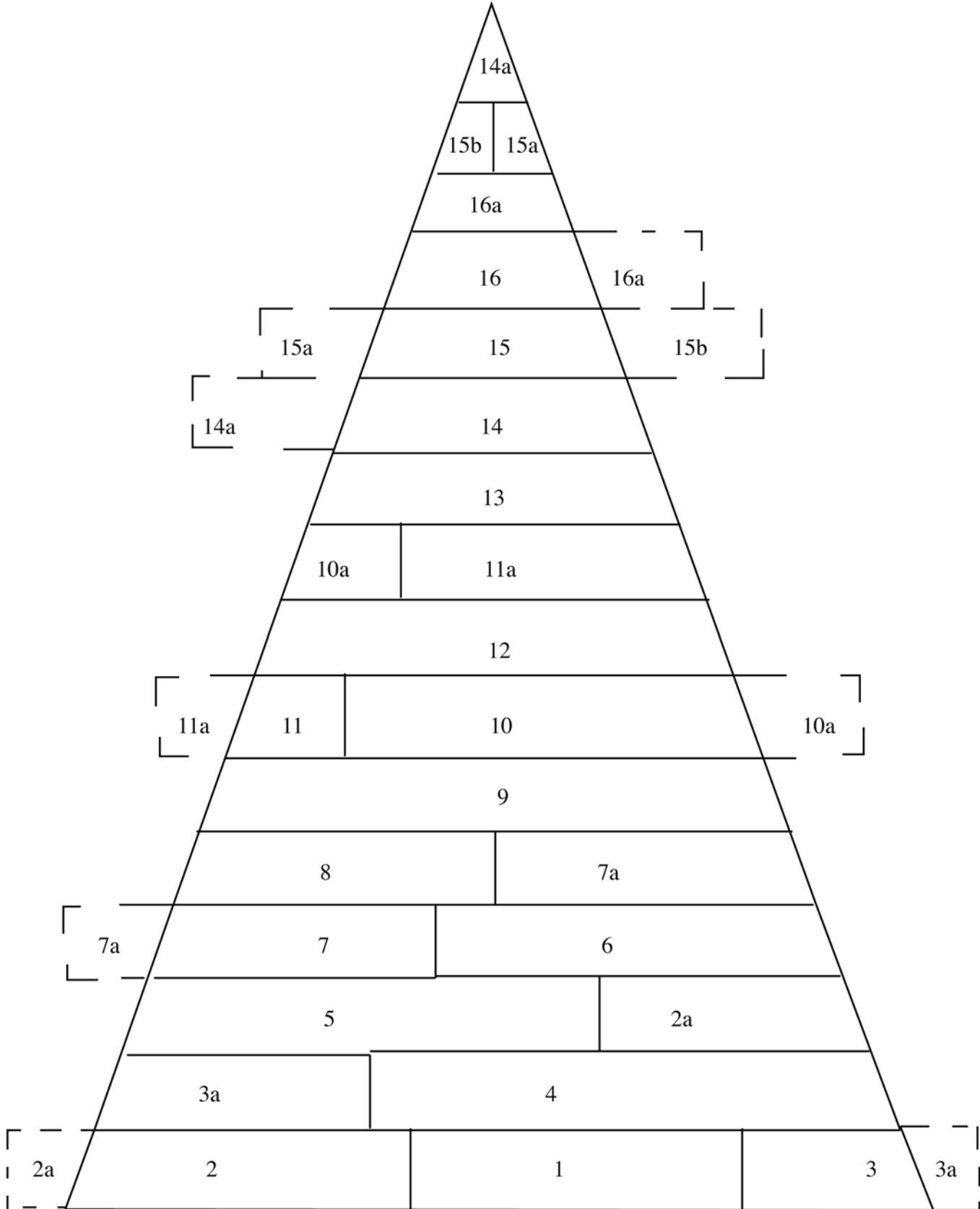
Bahamas 7 six corner



Bahamas and Barbados Pavillon 10, 15 and 27 of the roof triangle shingles

B15 oval shingles can make eight triangles, before installing the roof and fill installation long side panels, two normal and one downward, the element per page, or on the roof can beshingle all the elements above the roof lifting and downward to solve the triangle seamshingles advance special element edge 2/oval, attached to a narrow eaves , which is set during installation of adjacent control element over blankets or put in question. seam fill list, on which given a narrow fillt.

Diamond-shaped oval nextspecial roof element fill assembly, element starting from the tip of the other elements shingle is always initiated at the first position for attaching the pavillon roof element B25 shingles home as well as B10, but the triangle has a longer start-up and then apply the graph question. According to the element.





**We congratulate you for choosing the most carefully planned and implemented Pavillon Cottage. Next we are going to tell you, with pictures, how the cottage should be mounted.**

**Bahamas and Barbados Pavillon 7, 10**

**Mounting of floor elements**

Floor elements are tied together into a consistent floor with screws, on which the wall elements are attached. 30 mm Styrofoam insulation is glued under the floorboards in the insulated models. The foundation can be made on pillar bars, concrete pillars or ORT-steel screws. The best and easiest alternative is to use a concise concrete tile, on which about 30 mm thick boards are placed before the floor to ensure ventilation. Felt strips under the spacer boards (always use bitumen felt between wood and concrete). The octagonal cottage consists of 16 bearing points around the perimeters and one in the center. Oval consists of 24 bearing points around the perimeters and one large in the center. The elements are attached to each other from the corners and above with 5x60 mm screws, the small triangles come in the middle and 8-cornered lastly. The floor assembly in Oval is started with two frame wood elements that are mounted stem to stem. After these, every other mounted element should not have frame woods.



The base should be level and the gaps between elements should be forced to be as small as possible. Possible remaining gaps can be sealed with mass.







The floor elements are screwed together from the side corners with 5x60 mm screws. Aluminum corners are attached in the floor element corners on floor level (in Oval also on the long side) with two 4,5x25 mm sunk screws per corner about 30 mm from the floor's outer edge inwards, at the marked spot on the floor (the outer surface of the wall is then about 9 mm over the floor edge, i.e. the same amount as the wall panel thickness). In the picture an installer marks the spot with a spike and screws the corners. Wooden stoppers are mounted in the wall element bottom woods; they guide the wall elements to the right place using the hole in the floor element. © 2011 Jani Johannes & Reija Johanna





The elements have been pre-painted and felt roof tiles, windows and locks have been pre-mounted in these pictures to ensure that the work at the mounting place proceeds rapidly. The first wall element (door lastly) is brought to the mounting place, one installer keeps it upright while two other installers bring another element beside it.

Two elements attached to each other stays upright by themselves (not in stormy weather), the wooden stoppers and connecting plates temporarily nailed or bolted to the top of the elements keep them in place.

The lag screws can at this point be attached to all elements, besides the door element, through the aluminum angles from the inside, assuming that the floor is and stays level and that the wall elements are tightly attached to the floor element (the wall elements are now firmly attached).

In 6-, 8- and 12-cornered Bahamas Pavillon-cottages the wall elements are all the same size, Oval has two narrow elements, while the others are of same size. The placement of e.g. double doors, closed walls and windows can be selected at the time of mounting because of the identical elements.



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### Mounting of wall elements onto a finished floor







In the picture above on the left: mounting of Oval's narrow wall element with straight aluminum corner plate and a bent aluminum corner plate, which are used to connect elements with an angle. A starting hole is drilled first with a 2-3 mm blade, and then the aluminum corner plates are screwed with lag screws firmly into the wall elements.





## Mounting of separate roof trusses in Pavillon 10 -15.



Picture of steel connecting plate above and beside, picture of plywood attachment used in hexagonal in the two above.



Key bolts (8x100 mm) are knocked into the roof trusses so, that the base is on the opposite side of the groove. Steel connecting plates are attached on one roof truss (in Oval on two).

Only the upper holes of the connecting plates are used.

In Pavillon 10 -15 cottages the roof trusses are attached from the upper end with a steel connecting plate/ 8x100 mm key bolt (in Oval two connecting plates). The hexagonal cottage uses plywood as attachment. All wall elements are connected from the upper end to each other and to the roof truss (side with groove against the wall element connecting plate) with a wall element steel connecting plate/8x100 mm key bolt. This creates a persistent binding between the roof, walls and floor, because all wall elements are attached from below to each other and to the floor with aluminum corner plates/



## Mounting of wall elements on top of separate roof trusses in Pavillon 10 - 15.

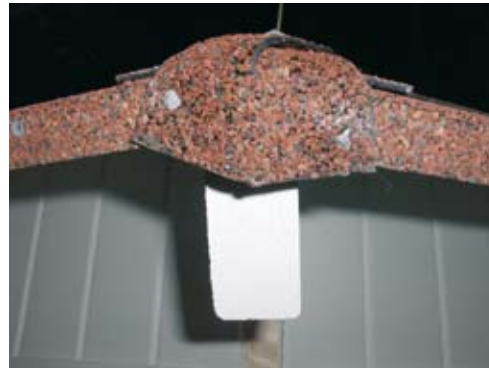


Wall elements are placed by 2-3 persons, one installer is inside the cabin on a ladder receiving the tip of the element and two installers lift the element from the outside so, that the lower end locks in place. The seam between the inner roof and wall becomes completely tight.

There is a small gap between the roof carrier beams and the inner roof, which the roof strip covers. The gap between the wall and roof carrier beams on the inside is sealed with acrylic mass.

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Roof elements are attached on the roof with 4x40 mm or 4x50 mm (3-12 pcs/side depending on the size of the cottage) screws to the roof trusses and the special roof elements used in Oval are additionally attached from their base with 4x50 mm screws to the ridge beam.

After attaching the felt pieces to the gutter seams, the saddle strips are attached with 90 mm screws to the roof trusses (lower end about 10 mm inwards from the roof ledge, 3 felt nails/piece).

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The ventilation pipe is pushed through the hole in the steel saddle plate and the roof ornament shielding the ventilation pipe is attached with 90 mm screws as a crown on top of the saddle strips.



After tightening the key bolts in the steel connecting plate attaching the roof truss and wall element, a generous amount of glue is brushed on the stiffening strips from both sides that connect to the wall elements. Then the strips are screwed from outside between the wall elements with 4x40 mm screws accordingly with the premade holes, before nailing the outer corner strip. Door-post stiffening strips are mounted after the door is attached.



The door handle plates are mounted with 4x40 mm screws. The threshold is attached with four 5x60 mm and four 4x40 mm screws, two on the edges and two on the center into the floor frame wood.





Door frames are mounted with key bolts. The aluminum corner plates without four holes are meant to the door posts, one to the left and the other to the right. A hole for a key bolt is drilled into them, accordingly with the hole on the door frame, but only after the door has been fitted so, that the frames are vertical and the doorway is 1.305 mm measured from the inner strips of the door frames, the threshold can be leveled or sawed shorter to adjust the doorway height. The doorway must be fitting, and the gap above both door pairs must be equal. This after the cottage has settled into place and the wall elements are attached with lag screws.

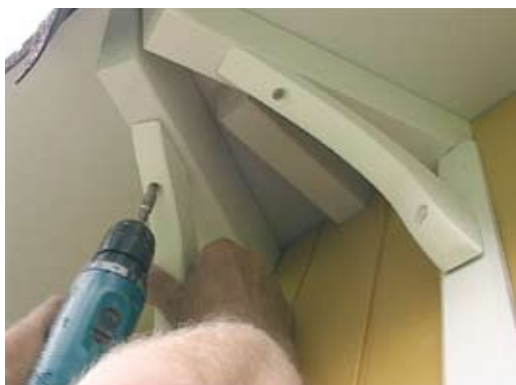
Handles, locks, wind hooks to the doors and windows and the ventilation valve grating are screwed into place. A lock hole is drilled into the threshold and upper frame for the corner bar locking pin by measuring the right place for it.







A generous amount of glue is spread into the seam between the wall element and floor, the drop beak is attached with dyckert nails. Glue is also spread to the gaps between the stiffening strip and floor, threshold and floor. The octagonal cottage contains 7 strips of same length and size + a thin one under the threshold. Oval contains 4 longer ones for the long sides + 2 short ones for the seams of the narrow wall elements and 4 normal ones + threshold strip. Mounting order of the strips: one outer corner strip is nailed to place and the drop beak strip beside it tightly. Then the next outer corner strip is nailed tightly beside the end of the previous drop beak strip. The strips can be sawed if too long, or the gap can be filled with glue if too short. After attaching the long side t-strips and seam strips in Oval, the drop strips for narrow elements are sawed according to measurements between the covering strips.



Outer corner decorations are mounted with 5x60 mm screws after nailing of outer corner strips (in Oval's long side left- and right-handed miter cut pieces).





Gutter boards and outer corner strip are mounted with 38 mm dyckert nails, 5/corner after mounting of stiffening strip. The little middle piece (in the picture under) is nailed in B15 Oval between the long side gutter boards. Outer corner decorations are mounted with 5x60 mm screws after nailing of outer corner strips (in Oval's long side left- and right-handed miter cut pieces).

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Glue is spread in the outside seams between the threshold and floor, a thin drop beak strip is mounted on top with dyckert nails.



The steel plate shielding plywood is mounted with 4x40 mm screws. A left-handed and right handed shielding plate on the steel plate and ventilation pipe is mounted on respective sides of the ridge beam. The disc valve is mounted





Roof seam strips are mounted with 4 nails/strip and after stiffening strips inner corner strips are attached (after sealing of the bushings) with 38 mm dyckert nails, 5/corner). The roof seam strips have left- and right-handed miter cuts. 2 + 2 short seam strips come between the ridge beam and roof elements, in Oval special roof elements 2 + 2 longer seam strips, left and right miter cut.





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## Bahamas Cluster gateway installation

The floor is installed B10 and B15 flooring installation

A compound of huts roof after the installation of gateway to the roof raised to the roof is raised to the first place and the walls are pushed into the upper part of the place.

Prior to this, the door frames are locked in place and lower the top of the carriage bolt and nut normal Pavillons accordance with the instructions.

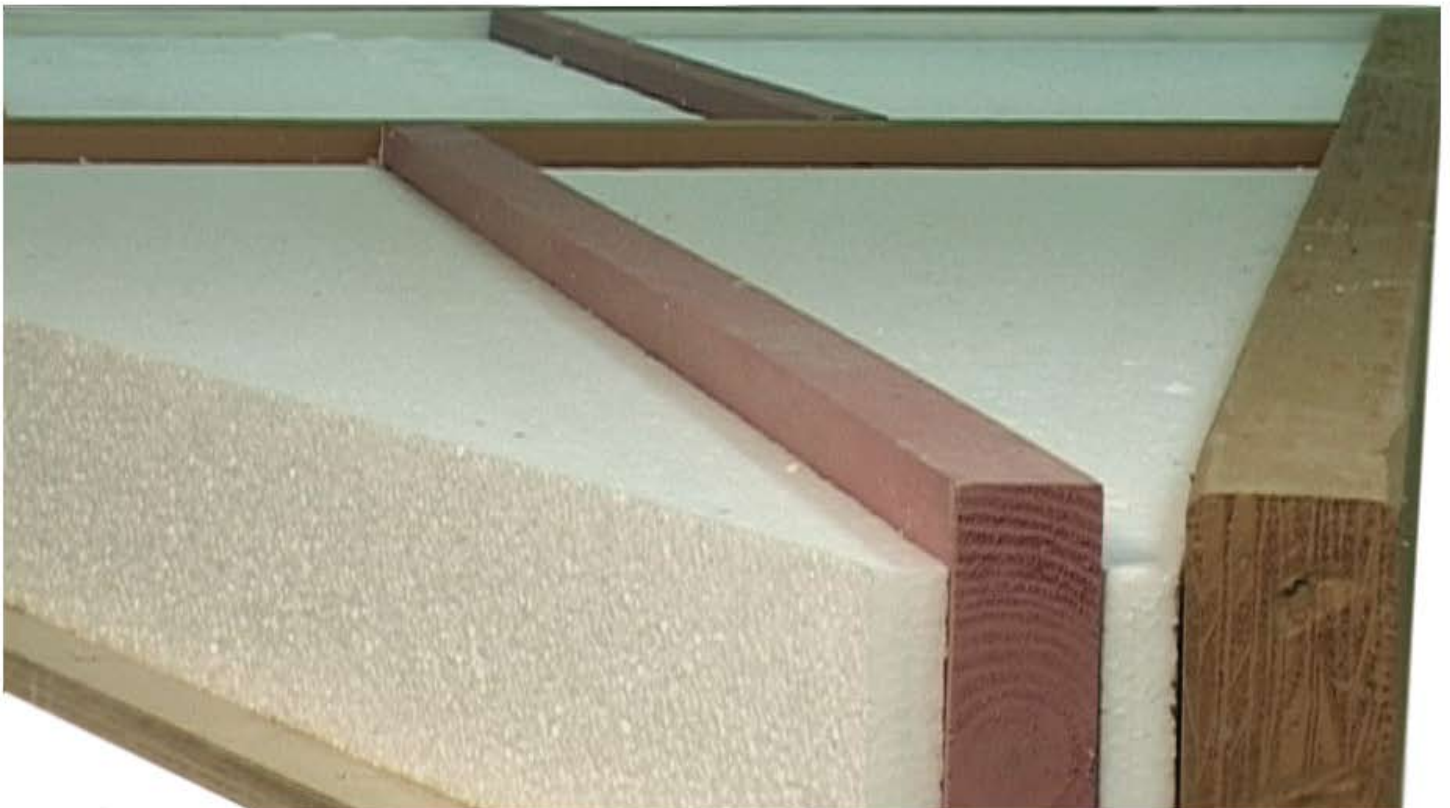
Walls tied to 90 mm screws diagonally from the doorway of 55 mm from the edge of the list (so that the screw head remains inside corner of the list below)

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## Pavillon 25, 23 m2, 12-sided

Unlike the eight corner and oval, 12-corners floorelements has been built for the following images line, and all have the same glass / symmetrical with each other.



Pavillon 12-corner floor viewed from below, the optional 75 mm polystyrene insulation



# Pavillon 25, 23 m2, 12-sided

Unlike the 8-corner and ovaal, 6 - and 12-corners roof trusses tied as shown below specialbolts wooden frame, assisted by lifting the roof trusses in place and used to install special 12-D tool, which appears in the pictures.



Seen from above



Seen from above



Seen from above



Viewed from below



Viewed from below







# Pavillon 25, 23 m2, 12-corner



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