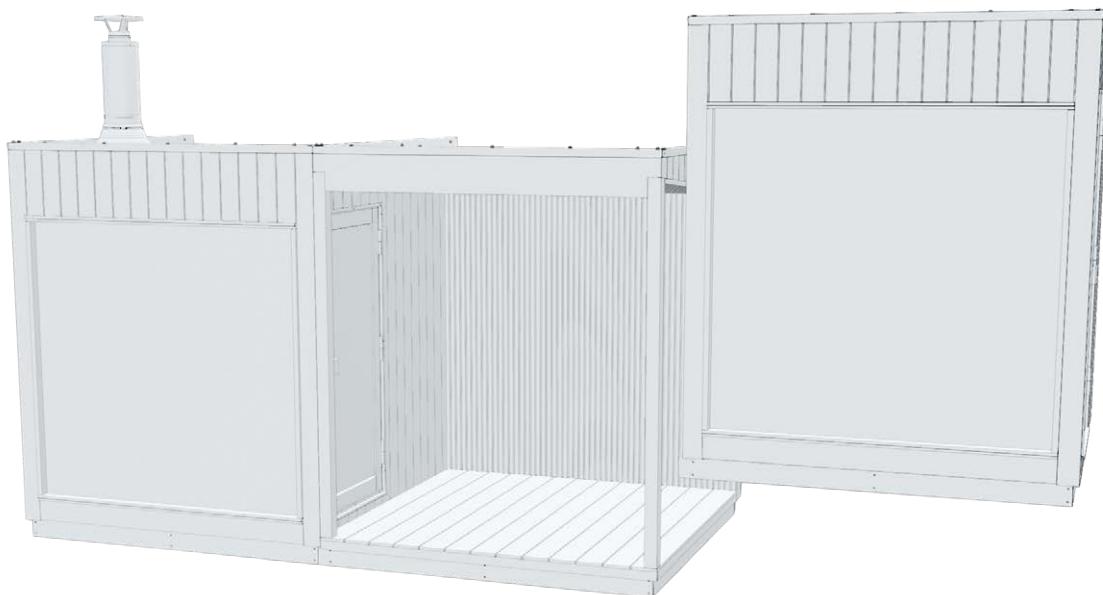


THERMA^{SS}SOL[®]

Shower | Steam | Sauna

User manual

Nordic misty - Connecting modules



Check the contents of the delivery without delay!
Study the instructions carefully and keep them for future reference.

GENERAL

Welcome to using nordic misty modules!

The installation of nordic misty modules varies slightly depending on the module being installed. There are four different connection methods:

1. Attachment of the transport brackets

In all models, the attachment method is similar.

2. Attachment of the roof sheets

In all models, the attachment method is similar.

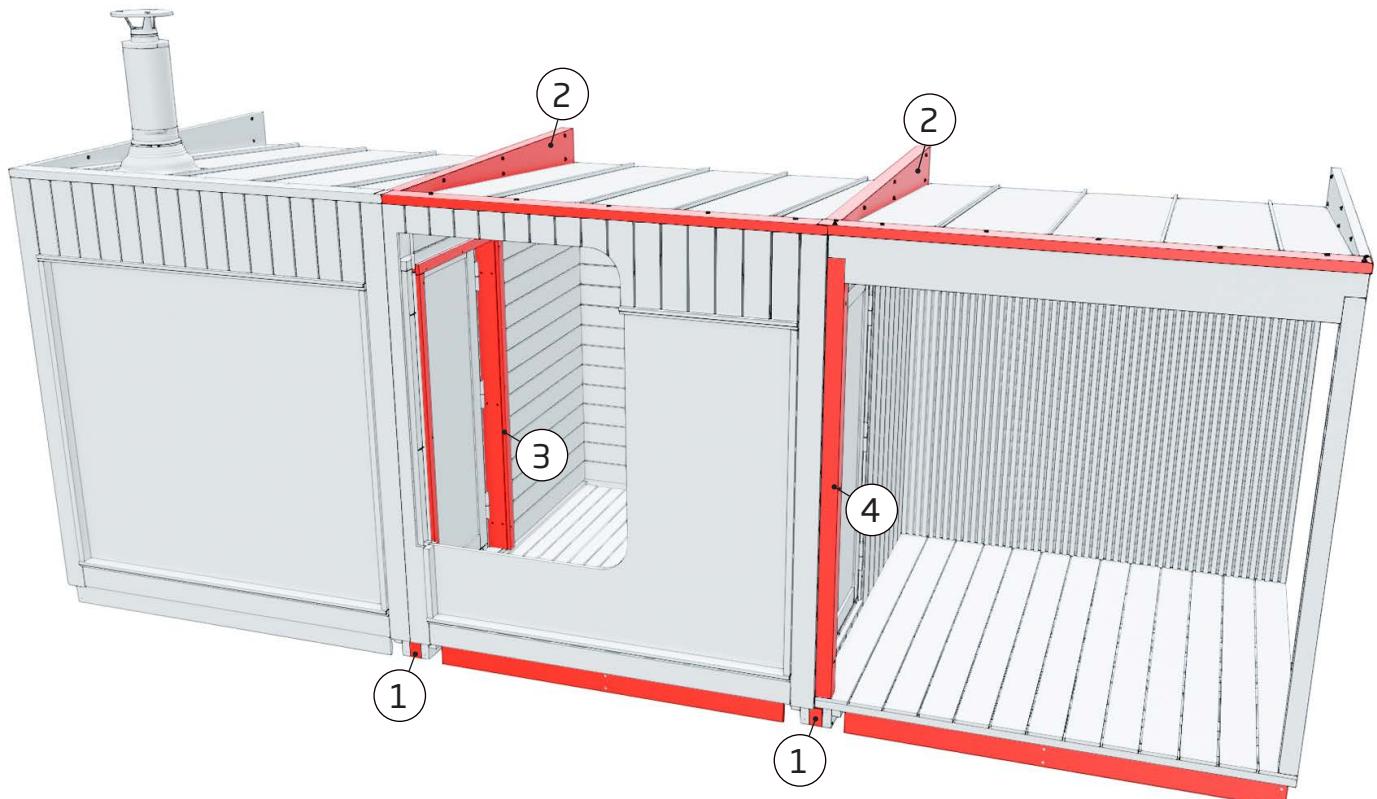
3. Attachment of the cover boards

Used in situations where two modules with door openings are connected to each other.

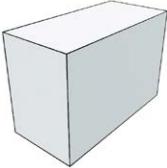
4. Attachment from vertical beam

Used only in terrace modules.

Example of a situation where a sauna, lounge, and terrace M are being connected.



PART LIST, ATTACHMENT OF THE TRANSPORT BRACKETS

1.		Filler piece between the transport brackets
2.		Screws 4,8 x 75 mm
3.		Skirting board
4.		Screw 4,2 x 55 mm (Brown)

PART LIST, ATTACHMENT OF THE ROOF SHEETS

1.		U-profile sheet
2.		Eave flashing sheet
3.		Screw to the roof 4,8x25 RR33
4.		Self Drilling Screw 3,9x13 AW
5.		Silicon

PART LIST, ATTACHMENT OF THE COVER BOARDS

1.		Cover board (Short) 19x120 mm
2.		Cover board (Long) 19x120 mm
3.		Threshold plate
4.		Screw 4,2 x 55 mm (Brown)
5.		Cover strip (Short) 12x43 mm
6.		Cover strip (Long) 12x35 mm
7.		Cover strip (Long) 12x43 mm
8.		Nail
9.		Self Drilling Screw 3,9x13 AW

PART LIST, INSTALLING FROM THE BEAM

1.		Screw RST 6x120/70
2.		Plug

Customers are notified two weeks before the scheduled pickup to allow sufficient time for preparation, including arranging a forklift if necessary. While using a forklift is recommended for items that do not require a crane, they can also be offloaded piece-by-piece with the help of 3-4 people, typically within 30-60 minutes. Many of our customers have successfully opted for this method. Please make sure you are fully prepared to receive and unload your sauna according to the instructions in your manual.

PLEASE NOTE THAT ONCE THE PRODUCT IS DELIVERED AND THE OFF-LOADING PROCESS HAS BEGUN, THE CARRIER IS NO LONGER RESPONSIBLE. THE CUSTOMER, CONTRACTED INSTALLATION COMPANY, OR DESIGNATED PARTY IS RESPONSIBLE FOR SAFE HANDLING AND UNLOADING.

When off-loading the product using a forklift, it's essential to follow these guidelines to ensure the safe and efficient handling of the unit:

1. PREPARATION

Inspect the Area: Ensure the delivery area is clear of obstacles, allowing enough space for the truck to park and the forklift to maneuver.

Confirm Equipment: Verify that the forklift is rated for the product's weight and has forks long enough to support the load safely.

2. TRANSPORTING THE PRODUCT:

If you have rented a forklift, follow all safety guidelines and equipment usage instructions provided by the rental company.

Drive Slowly: Keep the product as low as possible to the ground while transporting it to the designated location. Avoid sharp turns or sudden stops.

Watch for Obstacles: Ensure that the path to the installation area is clear of obstacles, and if moving over uneven surfaces, drive with extra caution.

3. POSITIONING THE FORKLIFT

Approach the Product: Drive the forklift toward the product on the truck, positioning it so that the forks can be inserted under the pallet or base.

Fork Adjustment: Adjust the forks to the widest position possible to provide stability.

Insert Forks: Slowly insert the forks under the product's pallet, ensuring they are centered and fully beneath the load.

4. LIFTING THE PRODUCT

Lift Slowly: Gently lift the product, ensuring it remains balanced and stable on the forks. Check that there is no shifting of the load during the lift.

Clear the Truck: Once fully lifted, carefully back the forklift away from the truck, maintaining a low and steady speed.

5. POSITIONING THE PRODUCT

Placement: Once at your desired location, lower the product slowly into place.

Align Properly: Ensure the product is aligned correctly before fully lowering the unit.

Release Forks: Gently remove the forks from under the product by slightly tilting the forks downward and backing away from the unit.

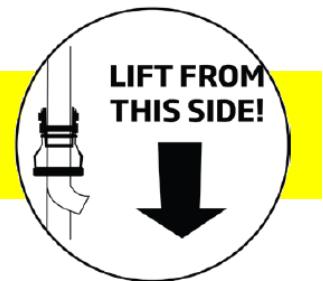
6. FINAL INSPECTION

Inspect for Damage: After placing the product, inspect the unit for any potential damage that may have occurred during the off-loading process.

Contact Customer Support: If any damage is found, please contact customer support for assistance.

ThermaSol Customer Support: 800-776-0711 / M-F / 8:00 AM—5:00 PM CST.

THE SAUNA MUST BE LIFTED FROM THE SIDE OF THE WALL WHERE THIS SIGN CAN BE FOUND. STRAPS / FORKLIFT FORKS MUST BE ALIGNED WITH THE MARKS.



LIFTING WITH CRANE SLINGS



Set the slings from front of the sauna to the back.



Do not lift the sauna with slings set from side to side. Doing so, will damage the sauna.

LIFTING WITH A FORKLIFT



Drive the forklift under the front of the sauna.
Please, make sure that the forks are two meters long.



Do not drive the forklift from the side. Doing so, will damage the sauna.

SAFETY TIPS

- If you have rented a forklift, follow all safety guidelines and equipment usage instructions provided by the rental company.
- Never exceed the forklift's load capacity.
- If the product is too large or heavy for a forklift to safely use, consider using a crane or other specialized equipment.

FOUNDATIONS

Pay attention to potential maintenance activities when choosing where to install the modules. The warranty does not cover any indirect costs, such as the demolition or construction of terraces. Before building a foundation, it is also good to prepare for the drainage of water from the sauna to its final location (the sauna already has its own drainage installed).



Make sure that the ground on which the modules are placed is stable. If necessary, the base of the modules can be evened out with stone chippings or a concrete casting can be made under the modules.

If you want to insulate the base, we recommend placing at least 5-10 cm of ground frost insulation under the gravel, which effectively cuts off the thermal bridge to the cold ground underneath.

Never place the modules directly on the ground.

Foundations - Concrete slabs



Under the modules, we recommend placing concrete slabs on top of the hard surface to lift it higher and putting roofing felt (bitumen roofing) on top of the slabs throughout the width of the slab.

When the base of the modules are clearly up in the air, it has ventilation and dries well.

It is also important to ensure that the modules are not surrounded by tall grass, because it prevents the wood from breathing and contributes to rotting. The lower parts of the sauna must always have enough ventilation.



On the next page you will find more detailed measurements of the concrete slabs.

Foundations - Grid (Recommended)



After this, it is good to make a grid (durable material) on top of the concrete slabs (Picture below) which makes it easier to get the modules on the same level.

The modules can also be installed directly on top of concrete slabs, but in this case you have to be especially careful that the modules are on the same level.

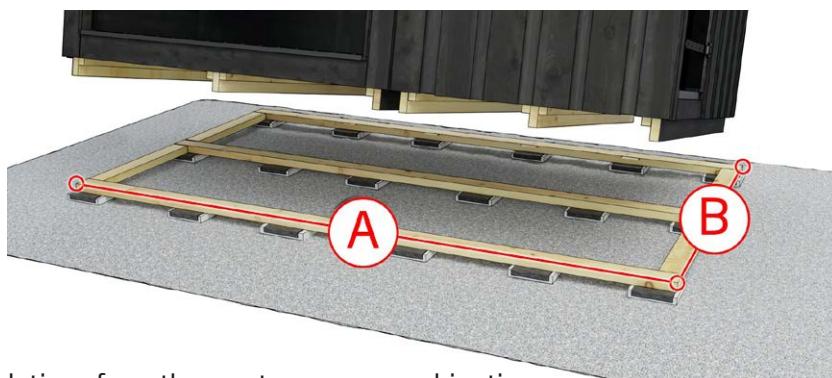


Screw piles

There are various sizes, lengths and types of screw piles on the market. The selection is wide, because the choice of screw pile is also influenced by other things than the size and load capacity of the screw pile.

The appropriate model is selected according to the type of soil and the depth of the frost line.

You can install screw piles yourself, but ask a professional for advice on choosing a suitable model.



Dimensions of foundations from the most common combinations

Size S = Changing room, Terrace S

Size M = Sauna, Lounge and Terrace M

Modules	A (MIN!)	B
Size M + Size S	3644 mm	2180 mm
Size M + Size M	4370 mm	2180 mm
Size M + Size S + Size S	5136 mm	2180 mm
Size M + Size M + Size S	5862 mm	2180 mm
Size M + Size M + Size M	6588 mm	2180 mm
Size M + Size S + Size S + Size M	7354 mm	2180 mm
Size M + Size M + Size S + Size M	8080 mm	2180 mm
Size M + Size M + Size M + Size M	8806 mm	2180 mm
Size M + Size S + Size S + Size M + Size M	9638 mm	2180 mm

REMOVING TRANSPORT PROTECTION

For transport, protective film, plywood, boards and protective metal sheets have been placed around the modules.

Remove these protections only after the modules has been lifted down and is started to be connected to its final location with this unnecessary scratches and bumps are avoided.

After removing the protectives, use the supplied stain to cover the holes caused by the screws.



Remove protectives as in images.

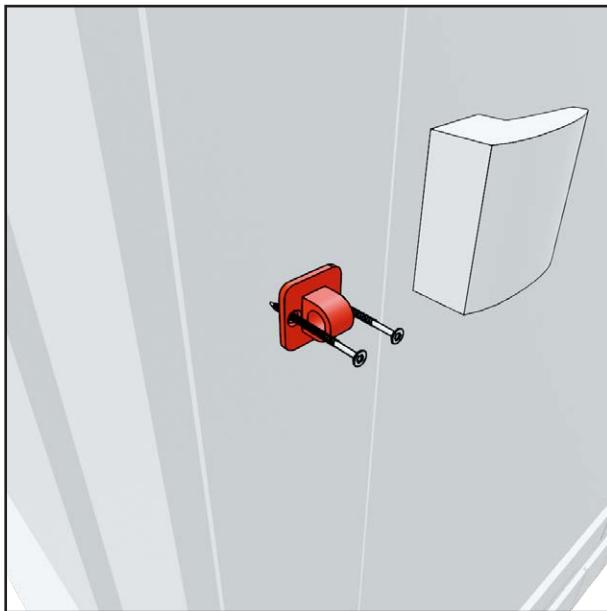
Plywood sheets and boards have been attached with screws.

In image 2, protectives for drain outlet and electricity socket have been attached to the front and back of the sauna (4 pieces).

In image 3, the terraces have support boards attached on the sides. Remove these boards before you install terrace module with the other ones.

INSTALLATION

Steps, if you ordered the modules afterwards, if you ordered the modules at the same time, these steps have already been pre-completed at the factory

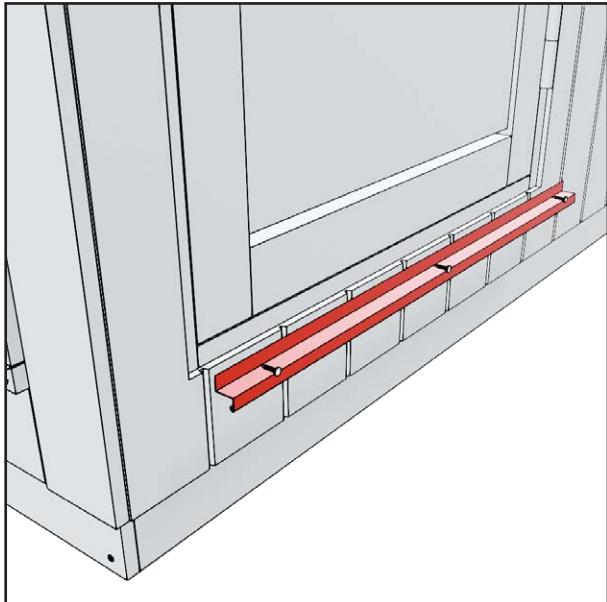


1. Make sure that the sauna door latch receiver is not attached. Remove if necessary.



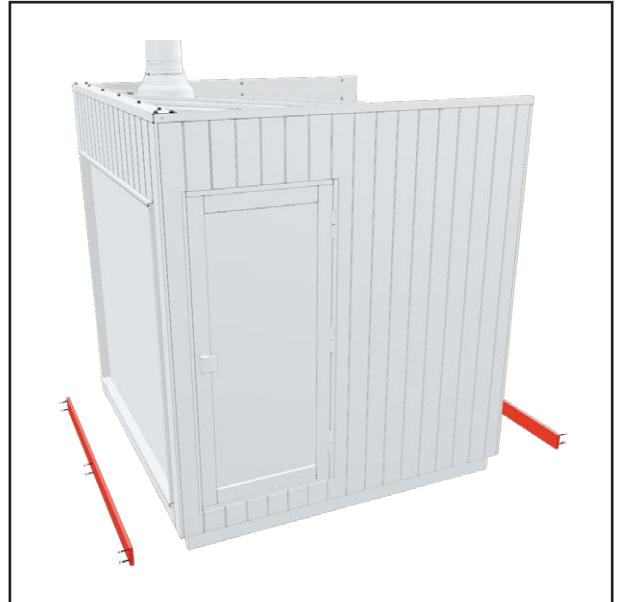
2. Make sure that the cover boards have been removed from the door edges of the walls to be connected. Remove if necessary.

Note. If you are attaching Nordic Misty terracemodule, do not to remove these boards.

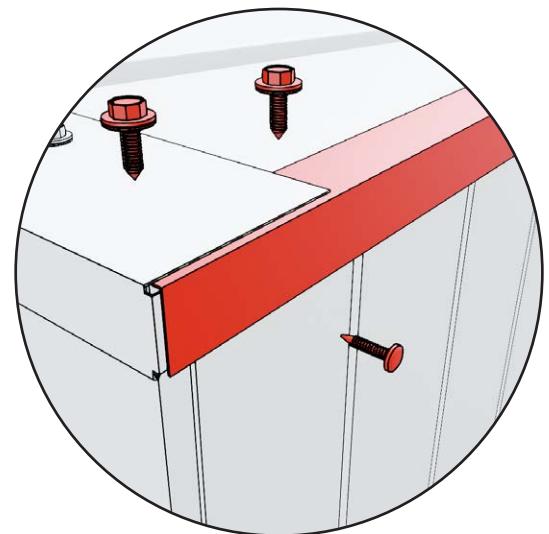
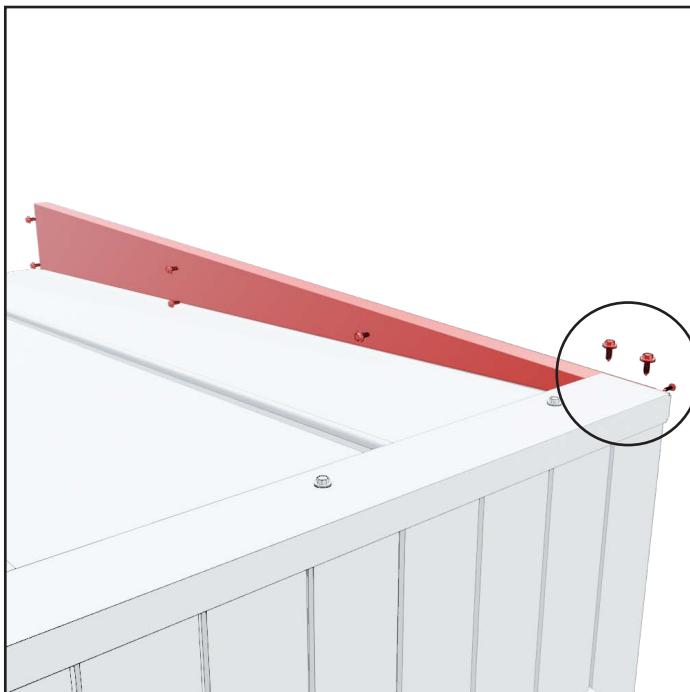


3. Make sure that there is no drip edge at the bottom of the door. Remove if necessary.

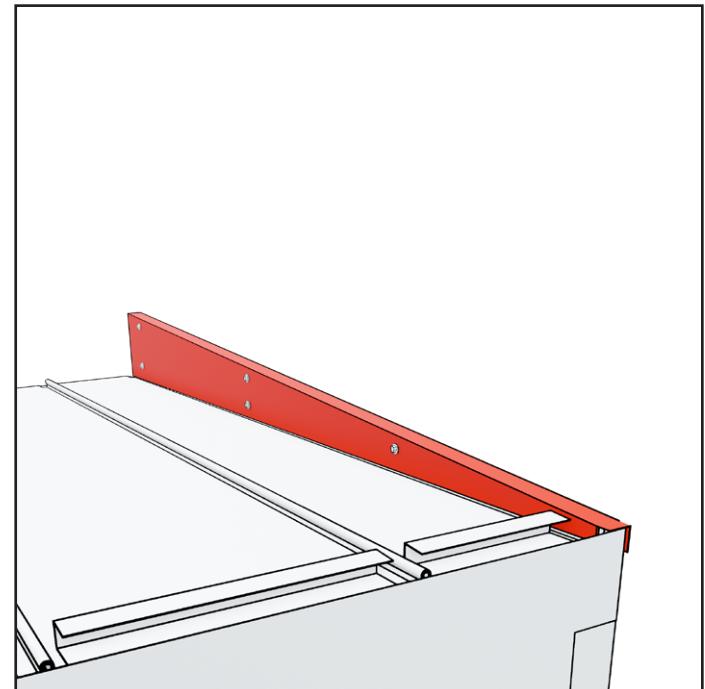
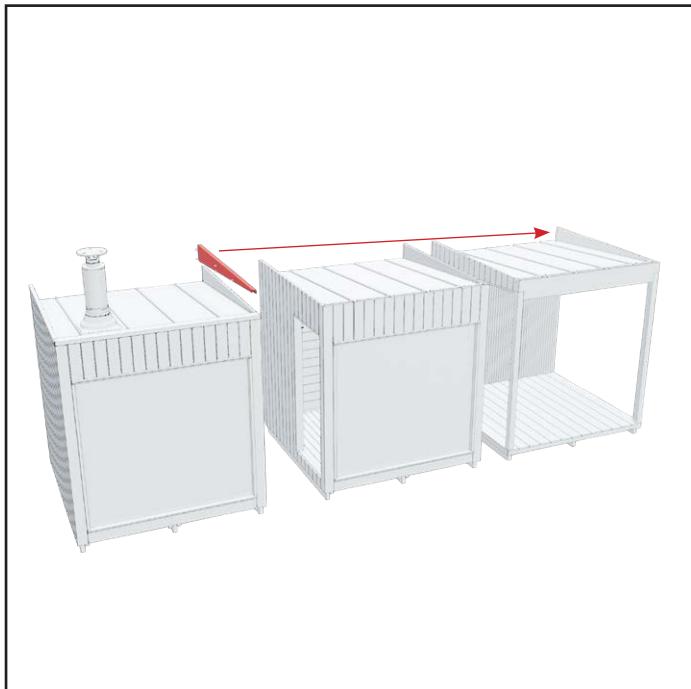
Note: If you are attaching the Nordic Misty terracemodule, then do remove the drip edge.



4. Make sure that there is no skirting boards attached to the modules.



5. Make sure that the side flashings has been removed from the walls to be connected. The flashing might be tightly closed due to the presence of a silicone seam between the side flashing and the front eave flashing.



6. Attach the side flashing to the final module to be connected in the series from the same points where it was previously attached.

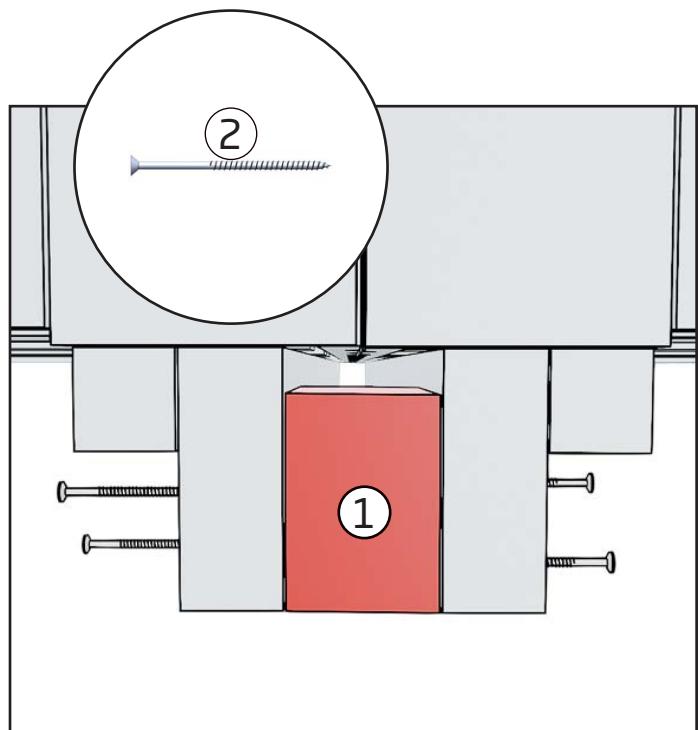
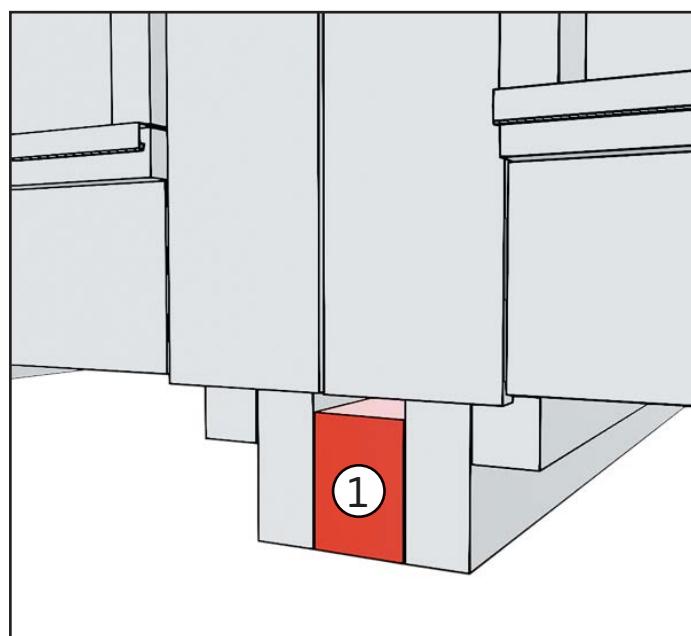
ATTACHMENT OF THE TRANSPORT BRACKETS

IN ALL MODELS, THE ATTACHMENT METHOD IS SIMILAR, EXCEPT IN THE CASE WHERE THE PERGOLA IS INSTALLED IN FRONT OF THE MODULES



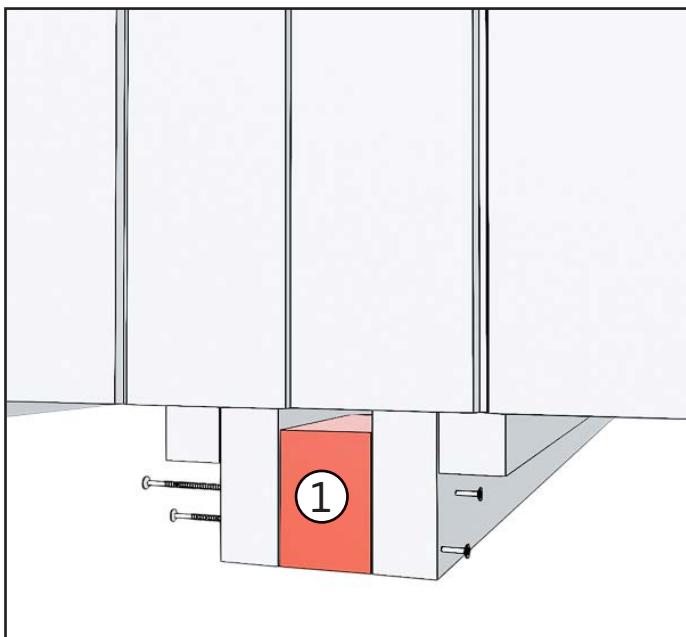
1. Lift the modules side by side.

Make sure that the back walls of the modules are on the same level.

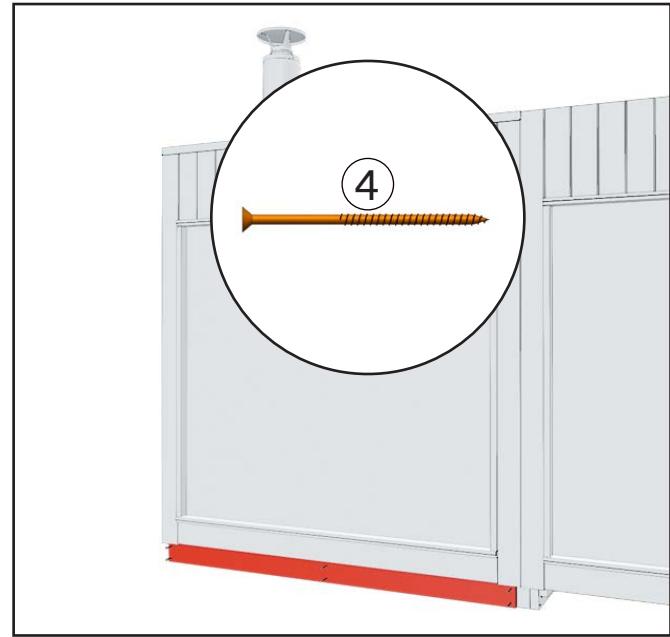


2. Place the filler piece between the transport brackets.

3. Attach the filler piece with four screws. Two screws from both sides.

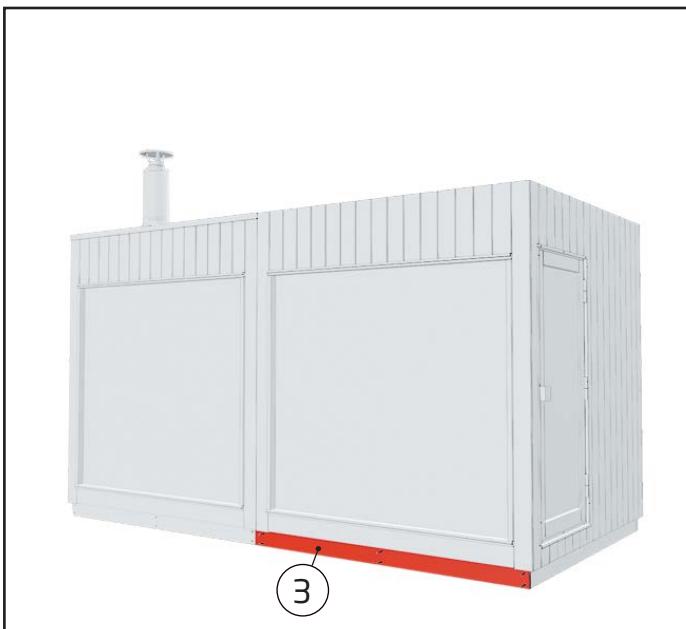


4. Attach the filler piece to the behind of the modules in the same way.



5. Attach the skirting boards to the sauna's transport brackets at the front and back.

The installed filler piece remains visible between the transport brackets.



6. Attach the skirting board to the transport brackets of the next module.

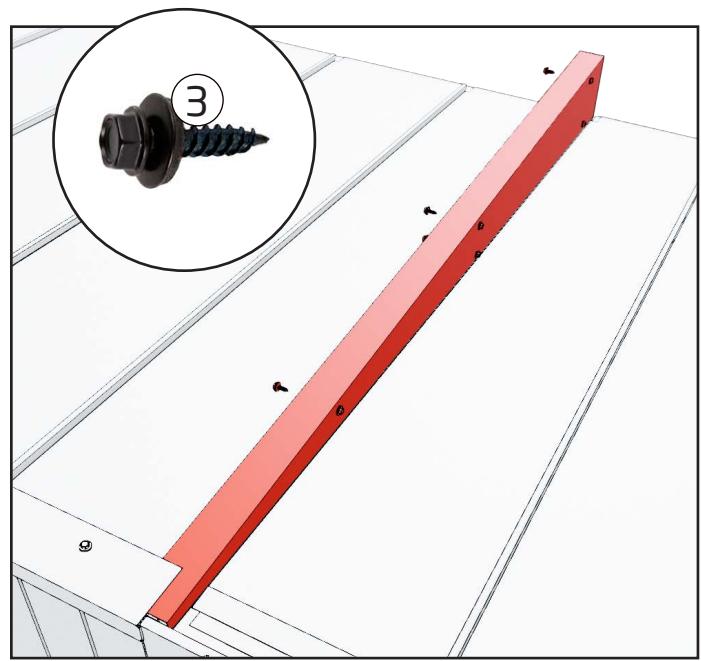
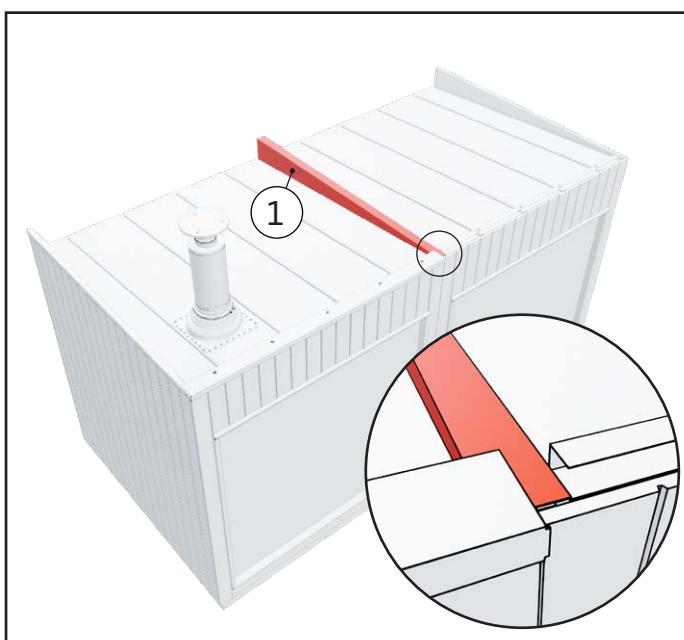
Skirting board will hide filler piece which you before installed.



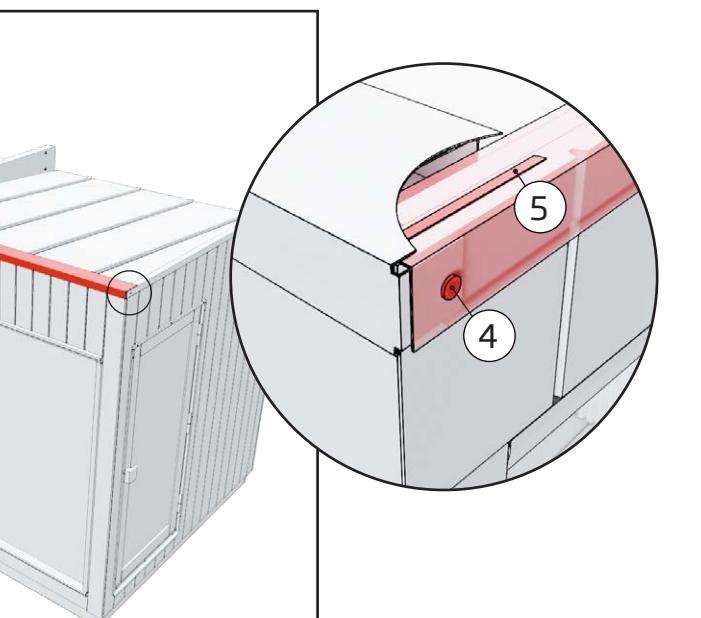
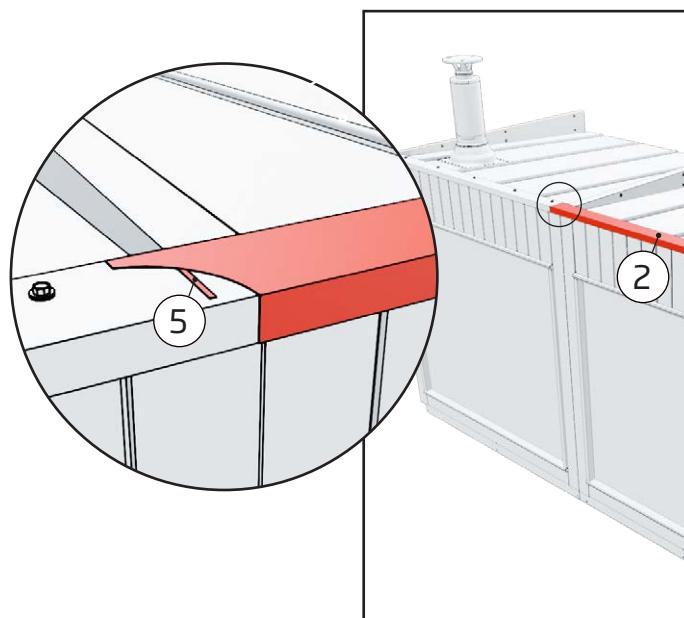
7. Attach the skirting board to the behind of the modules in the same way.

ATTACHMENT OF THE ROOF SHEETS

IN ALL MODELS, THE ATTACHMENT METHOD IS SIMILAR

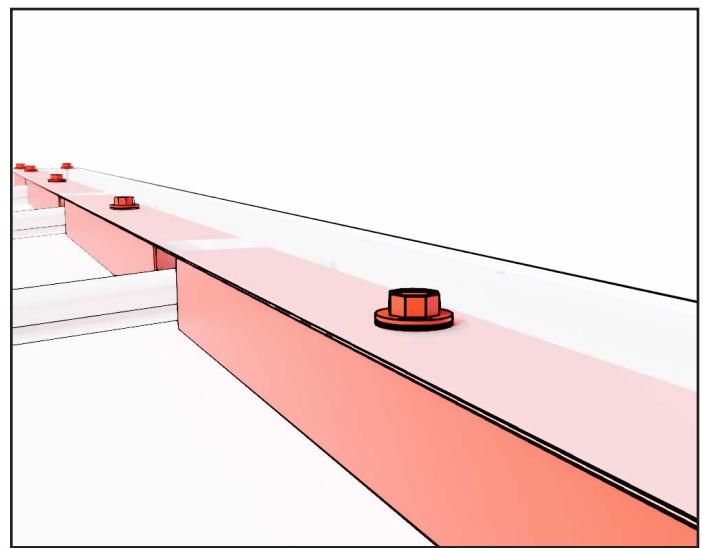
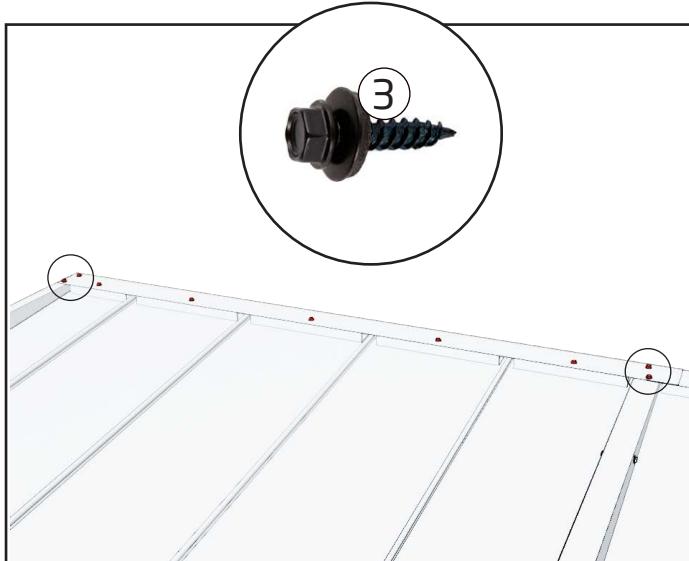


1. Place and attach the U-profile sheet between the modules. There will be five screws on both sides



2. Place the module's eave flashing onto the roof. The eave flashing extends about 10 cm over the previous eave flashing.

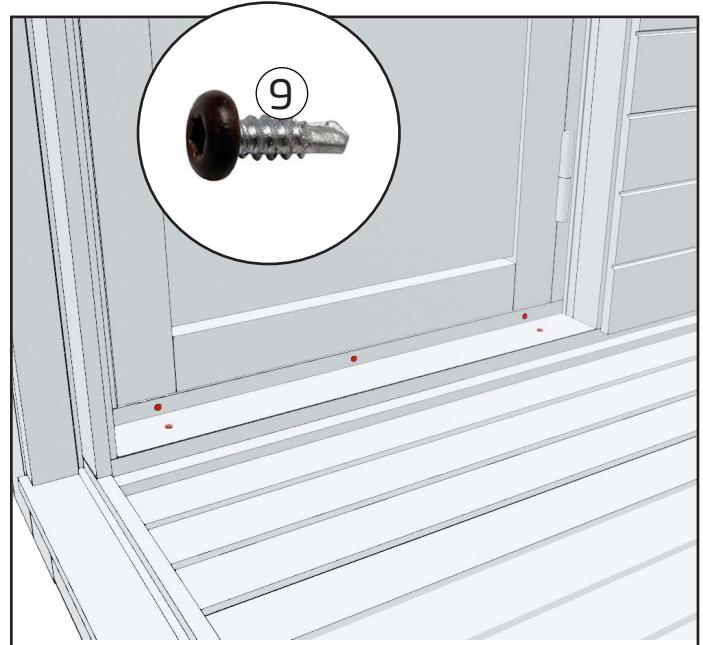
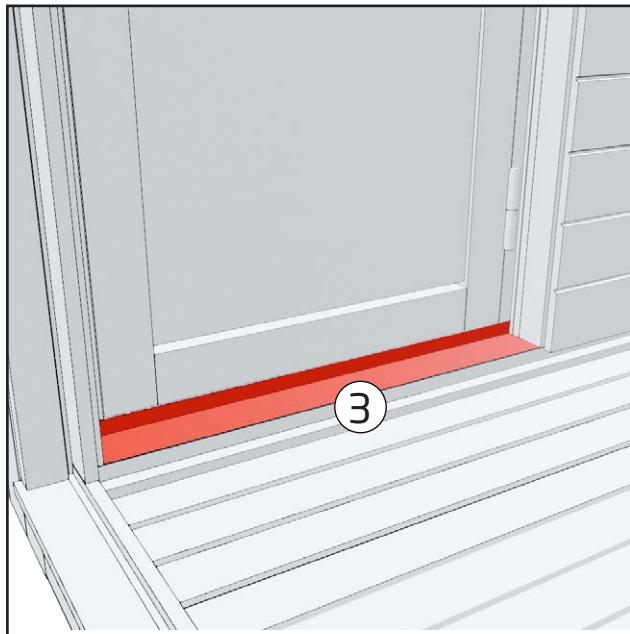
Place a silicone seam on the other side of the module between the flashings. Also, note that the bend in the front eave flashing should be between the side flashing and the side wall. Attach the flashings with screw along the edge.



3. Fasten the eave flashing at the edges with two screws on each side. Also, secure the eave flashing to the sealing flashings on the roof.

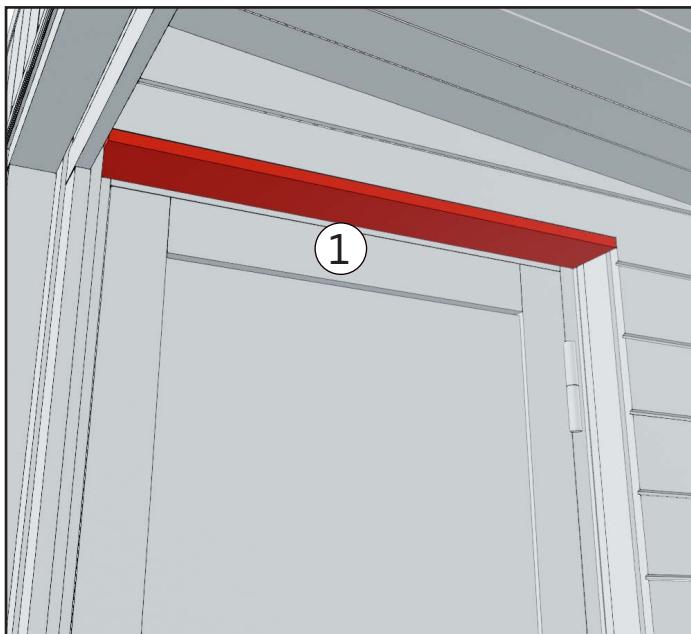
ATTACHMENT OF THE COVER BOARDS

USED IN SITUATIONS WHERE TWO MODULES WITH DOOR OPENINGS ARE CONNECTED TO EACH OTHER



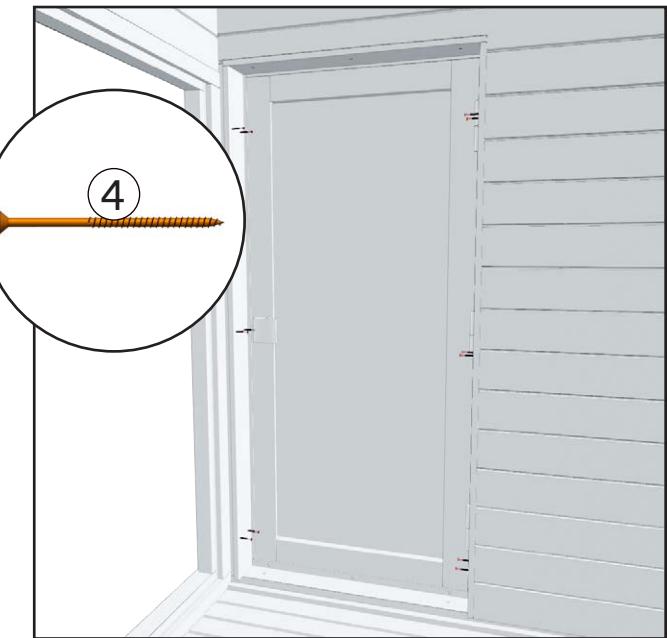
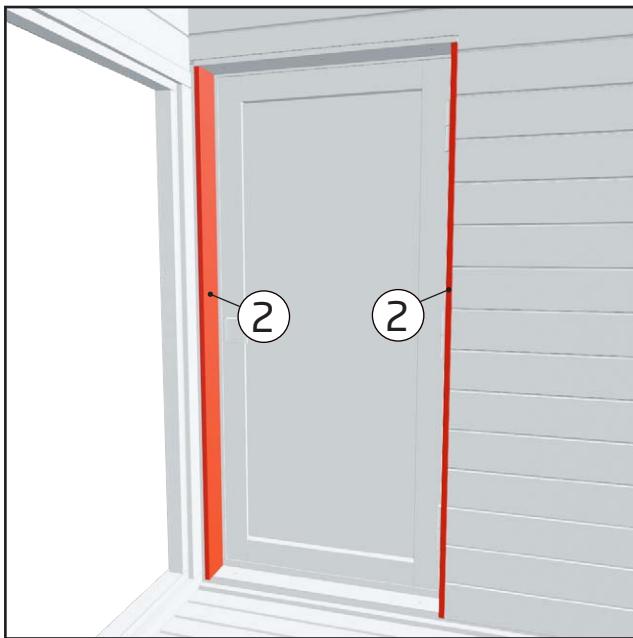
1. Place threshold plate between the modules.

Secure the threshold plate with five screws. Two from the top and three screws on the side.



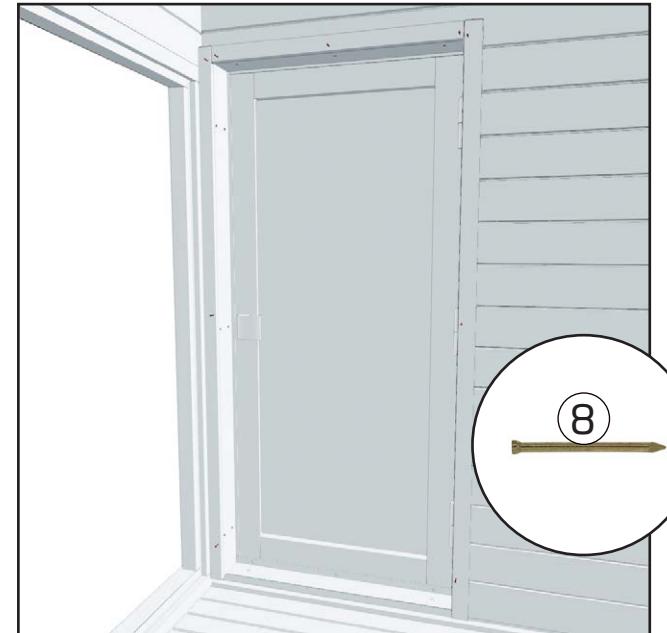
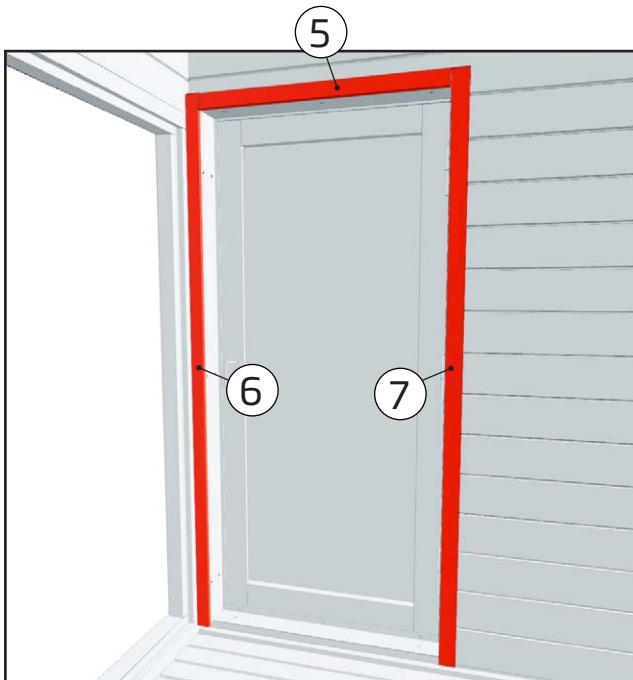
2. Place a short cover board at the top of the doorway so that the front edge of the board is at the same level as the inner wall of the module.

The cover board is secured with four screws. Cover board have pre-drilled holes.



3. Fasten the long cover boards to the sides of the doorway in a way that the front edge of the boards is at the same level as the inner wall of the module.

The cover boards are secured with six screws per board. Cover boards have pre-drilled holes.



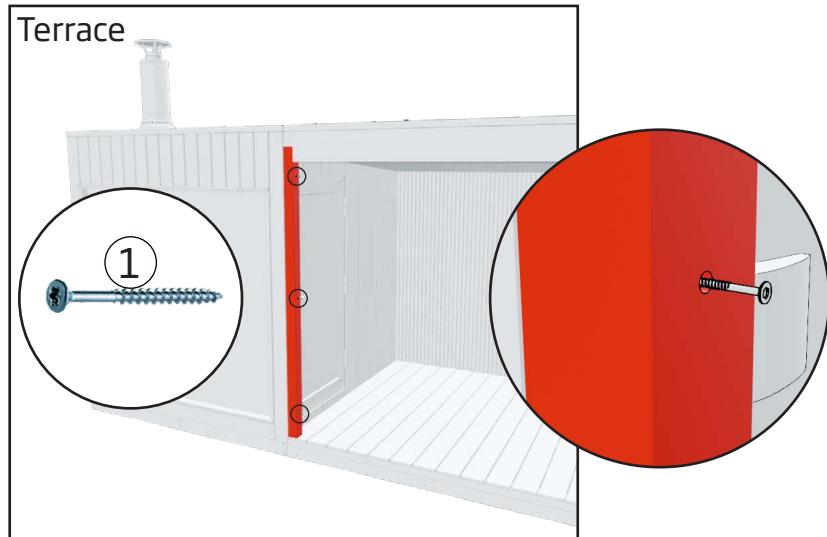
4. Finally, use cover strips to hide the gap between the cover boards and the wall.

A narrower 35 mm cover strip is installed on the window side, and a 43 mm wide one on the back wall side.

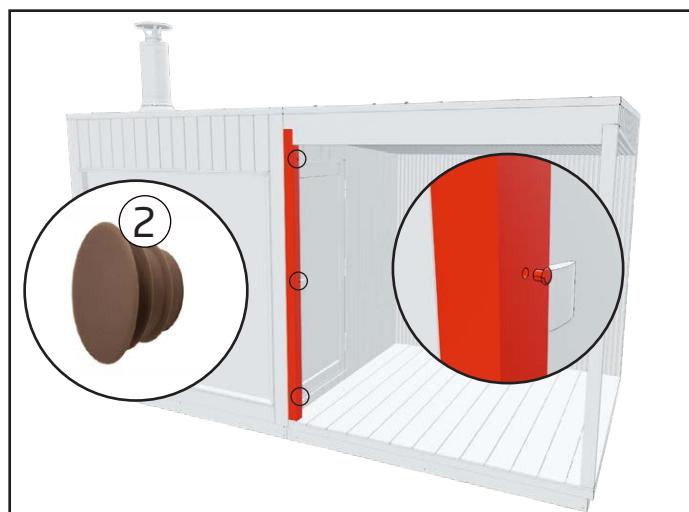
Attach the strips with three nails.

INSTALLING FROM THE BEAM

USED ONLY IN TERRACE MODULES



1. Attach the terrace module with three screws from the vertical post to the adjacent module.
Holes are pre-drilled in the vertical posts.

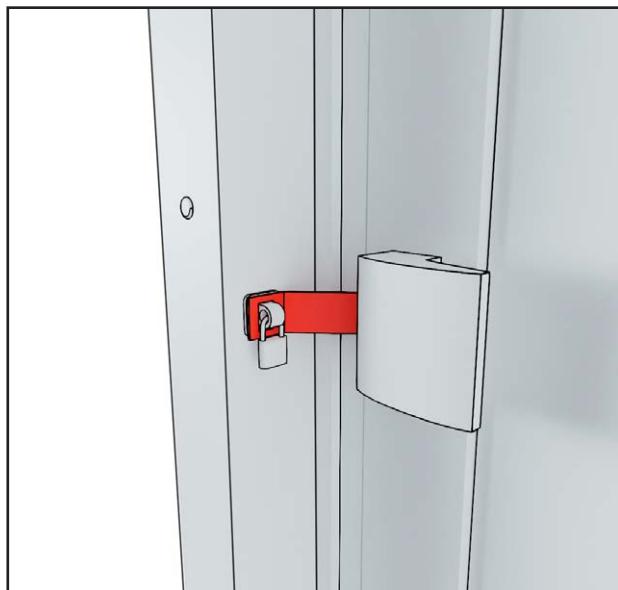
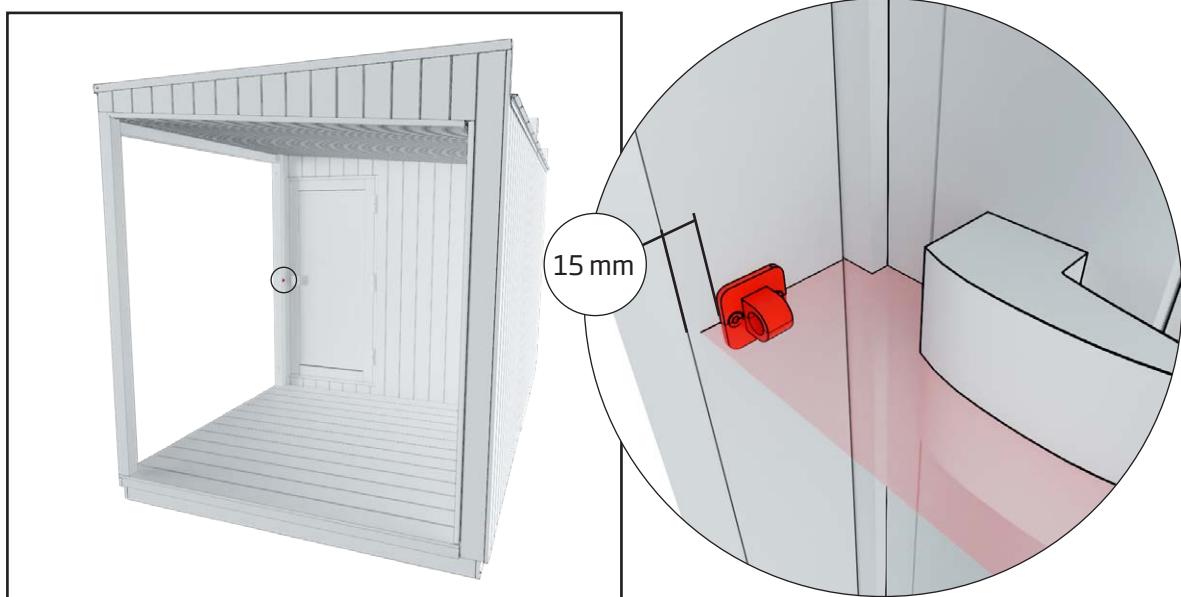


2. Cover the holes with plugs.

ATTACHING THE LATCH RECEIVER - TERRACE

THE LATCH-TYPE LOCK IS USED ONLY FOR LOCKING THE SAUNA DOOR.

THE CHANGING ROOM AND LOUNGE MODULE DOORS USE A LOCK WITH A KEYHOLE.



If you have installed a terrace module next to the sauna, a latch receiver must be attached to the inside of the vertical beam. This allows the sauna to be locked with a latch in accordance with regulations.

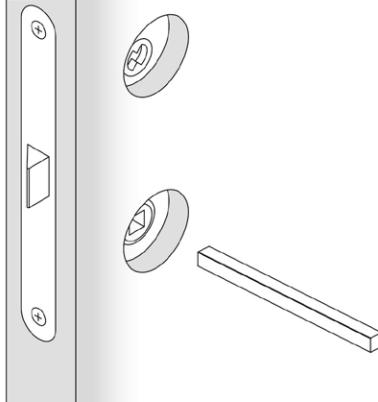
Attach the latch receiver 15 mm away from the edge of the vertical beam and at the same level as the sauna door handle.

The modules must be locked when not in use. This prevents the doors from opening and potential damage, such as during stormy weather.

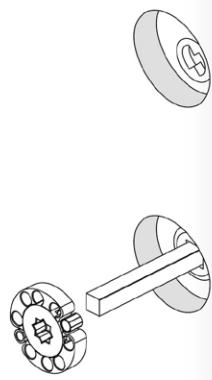
INSTALLING THE DOOR HANDLE

ONLY IN CHANGING ROOM AND LOUNGE

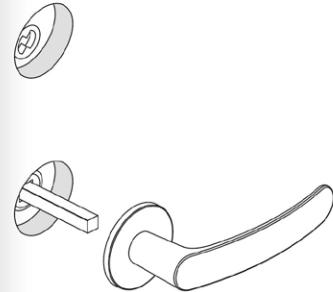
1 FROM OUTSIDE



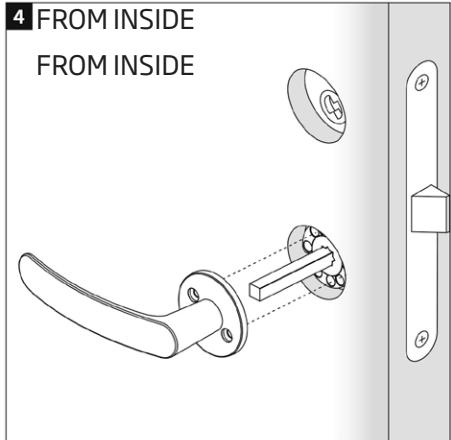
2 FROM INSIDE



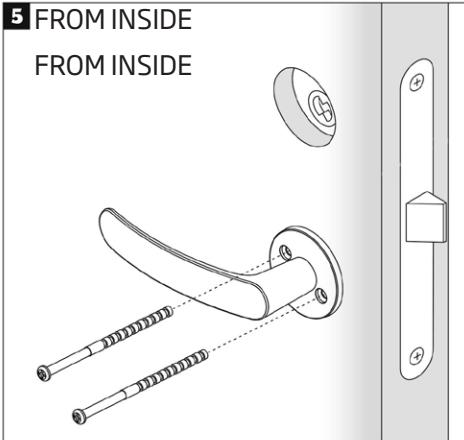
3 FROM OUTSIDE



4 FROM INSIDE
FROM INSIDE



5 FROM INSIDE
FROM INSIDE



NOTE! A regular maintenance procedure is to tighten the screws of the handle after installation due to the door's shrinkage.

MAINTENANCE

The characteristics of wood and surface treatment

Wood is a natural material, and you should know the following about its characteristics. Normally, wooden materials gain a grey tint in roughly one year, depending on the amount of sunlight (care instructions below). Sometimes resin may be exuded from knots, but it can be removed from the knots with a steel trowel and the area treated with knotting solution. Splinters may also come off from the wood; they should be removed immediately using a sterile needle (use e.g. wound cleaner to disinfect it).

Outer surface of the modules (changing room and lounge)

The outer shell of the modules is a sleek, heat-treated softwood panel. The heat treatment enhances the wood's resistance to rot and minimizes the expansion and contraction of the wood when exposed to moisture. The surface of the thermowood, treated with a stylish and deep black finish, ensures durability, while the applied paint provides protection against dirt and UV radiation. This panel, crafted from an easily maintainable and recyclable material, adds a contemporary and sophisticated touch to the module's design.

During the manufacturing process, the modules undergoes treatment with water-based industrial wood oil. If you want to maintain the same color, turn to your local paint store.

Inner surface of the lounge and changing room

The interior surfaces of the sauna are made of hardwood. If desired, the wooden surfaces can be treated with paraffin oil. The treatment of the benches can be renewed approximately every year, depending on the use.

Inner surface of the terraces

Terrace's inner surface is made of thermotreated softwood. If you want to keep the tone, the terrace can be oiled with water based wood oil. If you want to maintain the same color, turn to your local paint store.

WARRANTY

We give our sauna a warranty of 24 months concerning material and manufacturing defects.

The warranty is valid when the user has studied the product's instruction manual and complies with it.

NOTE! An exception to the above is the warranty period of 6 months given to products used for commercial purposes.

- The warranty does not cover any defects typical to wood materials that may occur. E.g. colour changes, changes in humidity, cracks forming, and similar issues.
- The warranty does not cover wear and tear due to normal use.
- The warranty does not cover damage due to user error, for example.
- The warranty does not cover frost damage, either, because it can be avoided with correct use.
- The warranty does not cover any corrosion due to the use of wrong cleaning agents.
- The warranty does not cover any indirect costs, such as building or demolishing a terrace.
- The warranty does not cover damage caused by condensation water accumulated on the windows.

Contact the seller of the product immediately regarding issues with warranties. Attempting to repair the product yourself voids the warranty.

DISPOSING OF THE PRODUCT

The metal parts of the product should be taken to metal recycling, while the wooden parts can be burned, and the glass can be taken to a glass recycling point. The other parts should be disposed of with mixed waste. In Finland, used LED lights can be returned for free and without an obligation to buy a new product to shops where lamps are a part of the usual selection, or alternatively they can be taken to a recycling point.