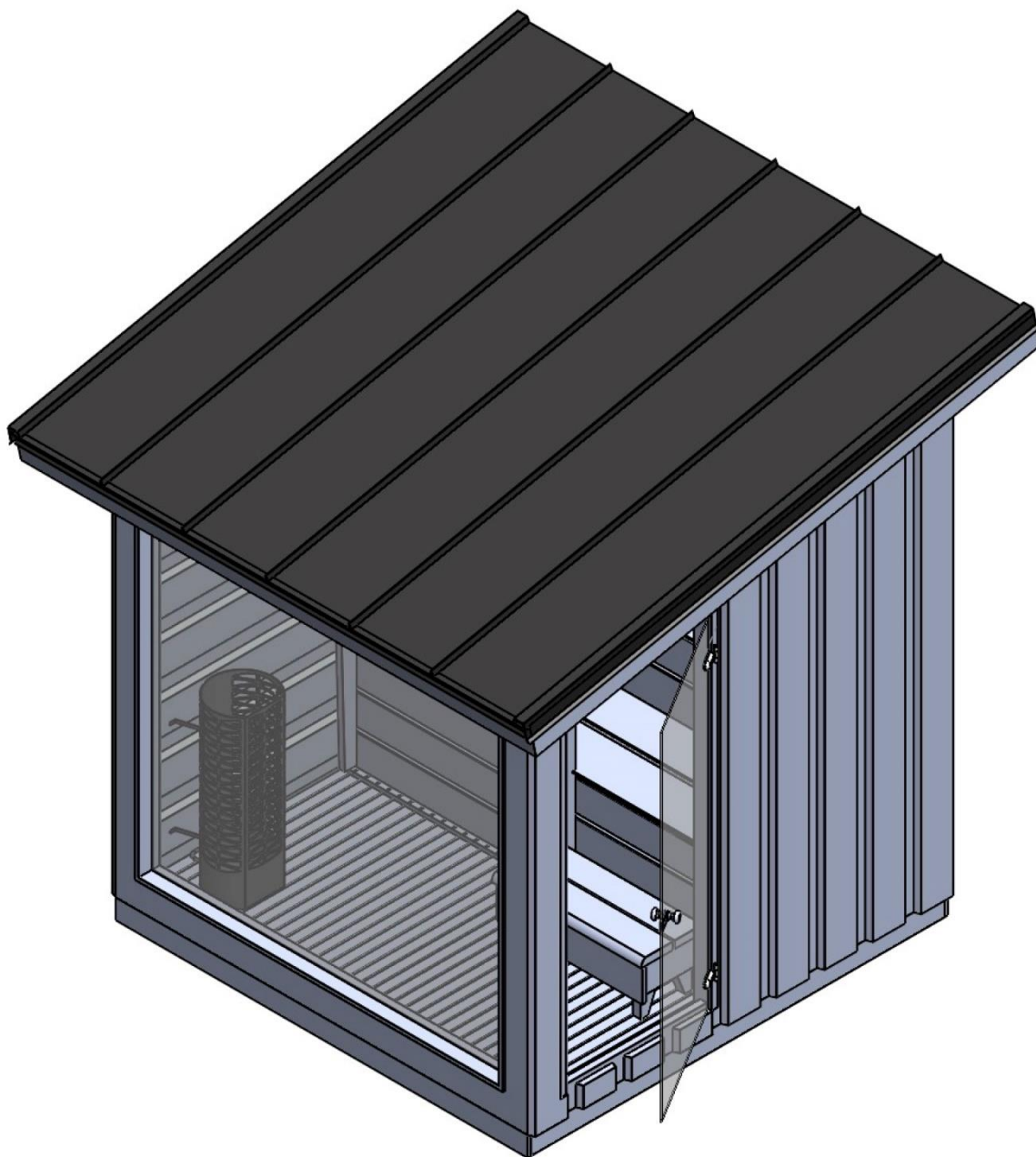


**INSTRUCTION MANUAL**

# Kirami® FinVision Sauna



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

**Kirami Oy**

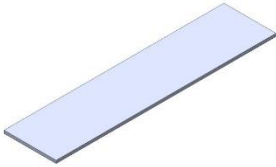
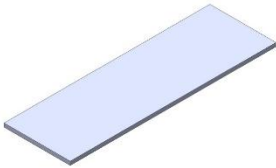



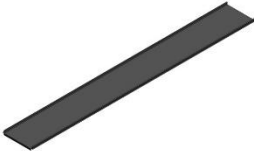

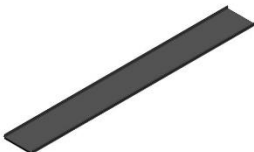
Villiläntie 2  
FI-32730 Sastamala











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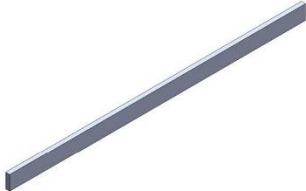

info@kirami.fi  
www.kirami.fi










# Contents of the delivery of Kirami FinVision- Sauna

1.		Ceiling plywood piece 1900 x 450 mm	2 pcs
2.		Ceiling plywood piece 1400 x 450 mm	4 pcs
3.		Fascia sheet, sides 2800 x 130 mm	2 pcs
4.		Fascia sheet, front and back 2755 x 130 mm	2 pcs
5.		Terrace screws RST 4,2 x 55 mm Wubau TX20	1 box 250 pcs
6.		Roofing sheet, start piece 125 x 2830 mm	1 pc
7.		Wide roofing sheet 480 x 2830 mm	5 pcs
8.		Roofing sheet, end piece 225 x 2830 mm	1 pc



9.		Flashing piece to back side 100 x 75 x 2800 mm	1 pc
10.		Flashing piece to right side 50 x 75 x 2840 mm	1 pc
11.		Flashing piece to left side 50 x 75 x 2840 mm	1 pc
12.		Flashing piece to front side 75 x 100 x 2800 mm	1 pc
13.		Sealing for flashing piece, start piece, 35 x 150 mm	1 pc
14.		Sealing for flashing piece 35 x 450 mm	5 pcs
15.		Sealing for flashing piece, end piece 35 x 60 mm	1 pc
16.		Roofing screw Black RR33, 48x25mm	1 box
17.		Wronic screw 4,2 x 25 mm zn	1 box
18.		Stool	1 pc

19.		Door knob	1 pc
20.		Cover strip for pallet, front and back	2 pcs
21		Roofing screw Black RR33, 48x25mm (with two washers)	18 pcs
22.	Accessory box: 0.5l stain for benches, 0.5l stain for inside walls (Can be used for outer walls), brushes, gloves and matches		



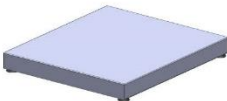



## Narvi Kota Inari Plus sauna heater, contents of the delivery

		Narvi Kota Inari Plus, wood-burning sauna heater	1 pc
		Sauna heater stones (small)	5 pcs
		Sauna heater stones (large)	1 pcs
		Sauna installation base 600 x 600 x 70-100 mm	1 pc
		Hearth plate 600 x 830 x 20mm	1 pc
		Kota Steel Flue T600 Check the contents from the user instructions of the flue	1 pc
		Basket for stones	1 pc

## Contents of the delivery of an electric sauna heater



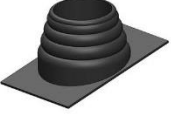









		Narvi Kota Saana, electric sauna heater	1 pc
		Sauna heater stones, 20 kg	4 pcs

## Contents of the delivery of the Narvi NC 16 sauna heater

		Narvi NC 16, wood-burning sauna heater	1 pc
		Sauna heater stones	4 pcs
		Sauna heater installation base 550 x 620 x 70-95mm	1 pc
		Hearth plate 600 x 830 x 20mm	1 pc
		Kota Steel Flue T600 Check the contents from the user instructions of the flue	1 pc
		Basket for stones	1 pc



## Contents of the delivery of Kota Steel Flue T600

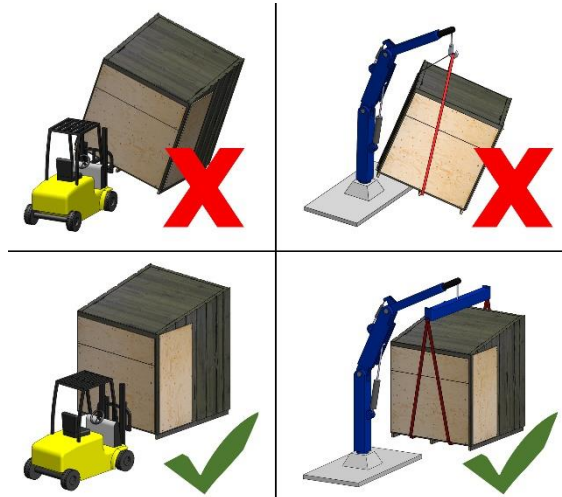
a		Chimney hat	1 pc
b		Flue section, 600mm	1 pc
c		Roof seal, rubber	1 pc
d		Underlay, support / gasket	1 pc
e		Ceiling duct casing, 100mm	1 pc
f		Ceiling duct insulation, 100mm	1 pc
g		Ceiling cover plate	1 pc
h		Fastening hoop	1 pc
i		Chimney valve section, 1170mm	1 pc
j		Non-insulated connecting pipe, 540mm	1 pc
k		Fire cement sealant	1 pc
l		Screw Tx20 4 x 25mm for ceiling cover plates	8 pcs

## CHECKING THE DELIVERY

We recommend that you always check that you have received two intact pallets before signing the waybill. If you notice later that there is something missing from the contents of the sauna, please contact the party that delivered the sauna.

## TRANSPORTING THE SAUNA AND LIFTING IT INTO PLACE

When transporting the sauna, the lifting slings, forklift tines or long pallet trucks must be placed under the pallet so that the pallet supports the elements as well as possible throughout the lift and the sauna remains straight and the lifting capacity constant. See example images on how to lift the sauna into place by using lifting slings or the tines of a forklift.



The sauna is delivered already assembled except for the roof, sauna heater, flue and door handle, which are installed by the customer. During transport, the sauna's own base acts as the pallet, which means that the sauna can be placed directly on top of the foundation prepared by the customer. For transport, protective plywood sheets (attached with screws) have been placed around the FinVision sauna in addition to protective film. Only remove the covers after the sauna has been placed in its final location to ensure that the glass in the sauna remains intact.



## GENERAL INFORMATION

Kirami's FinVision sauna shows the high-class finish of a master craftsman. The sauna is already surface-treated; it is made out of plain sawn softwood and spruce plywood. The product is intended for outdoor use only.

The surface area of the sauna is 2.3 by 2.3 metres, and the building height including the eaves is 2.6 metres. The sauna has been designed for 4-6 people.





## INSTALLATION

### Building the foundations

Placing the sauna on an even surface that can bear the weight of the sauna is important. The surface can be evened out with stone chippings, or if you want to have a more solid foundation, you can cast one from concrete. If you want to insulate the sauna foundation, 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. Under the sauna, we recommend placing 9 concrete slabs on top of the hard surface to lift it higher (see the image of the foundation) and putting roofing felt (bitumen roofing) on top of the slabs throughout the width of the sauna. When the base of the sauna is clearly up in the air, it has ventilation and dries well.

It is also important to ensure that the sauna is 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.

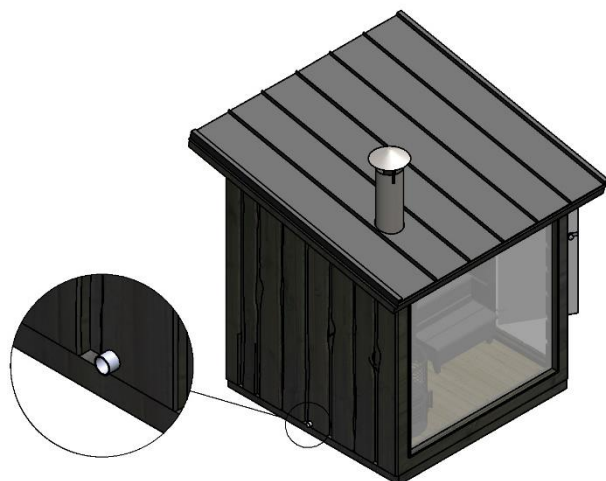
Pay attention to potential maintenance activities when choosing where to install the sauna. The warranty does not cover any indirect costs, such as the demolition or construction of terraces. Before building a foundation, it is also good to prepare for the drainage of water from the sauna to its final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

### Drainage

Small amounts of water are used in the sauna, either for cleaning the sauna or washing up. Choose the location of the sauna so that the drainage of water will not cause any problems. There is a sewer in the sauna floor, and a water discharge pipe has already been attached to the sauna base. The discharge pipe can be found on the same side as the sauna heater. The discharge corner outlet pipe is 50 mm at



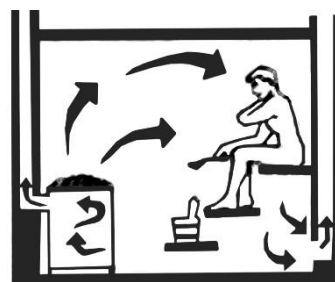
When the sauna has been lowered to its final location and the straightness has been checked with a level, attach the skirting boards to the front and the back of the sauna using terrace screws (12).



the top. We recommend that you learn about the local regulations concerning the treatment of wastewater.

### Ventilation

The ventilation in the sauna room is sufficiently effective and the fresh incoming air has been directed near the sauna heater in accordance with the regulations. The opening for incoming air has been placed into a hatch in the rear wall of the sauna under the benches. The ventilation during bathing in the sauna works so that the air exits from under the benches and the sauna door (a large gap).



After bathing, the sauna facilities should be ventilated and allowed to dry efficiently so that the air can exit from the top of the sauna room by keeping the front door open for a short period of time, for example.

### Installing the sauna

The sauna is delivered as a single element, to which the customer installs the roofing sheets, the sauna heater and the heater stones according to the instructions. When opening the sauna package, you should check that all parts have arrived intact. Open the package carefully using a cordless screwdriver to ensure that the glass will not break. The roofing sheets are delivered in a separate package attached with screws; please also open it carefully. You can find the Narvi® sauna heaters inside the sauna on the floor of the sauna.

### Installing the roof

The roofing sheets are delivered in a separate package attached with screws; please also open it carefully. Check that all the pieces can be found in the package as stated in the contents of the delivery. For safety reasons, we recommend that at least two people work together to install the roof. You can check the parts of the sauna below in the list of the contents of the delivery.

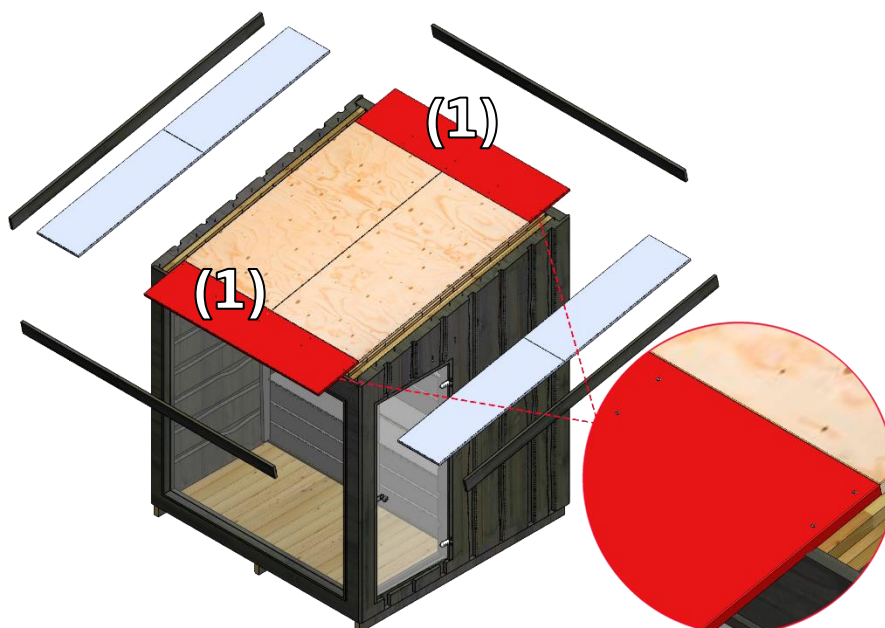
**Watch a YouTube video on how to install the roof:**

<https://youtu.be/RpEjRDqUkzA>

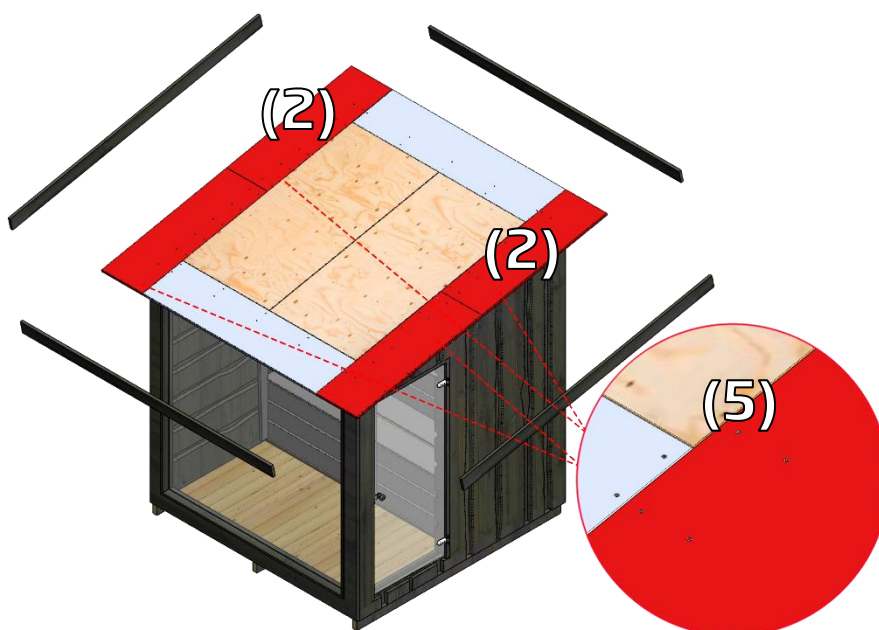


Attach the red parts of the roof in the following order:

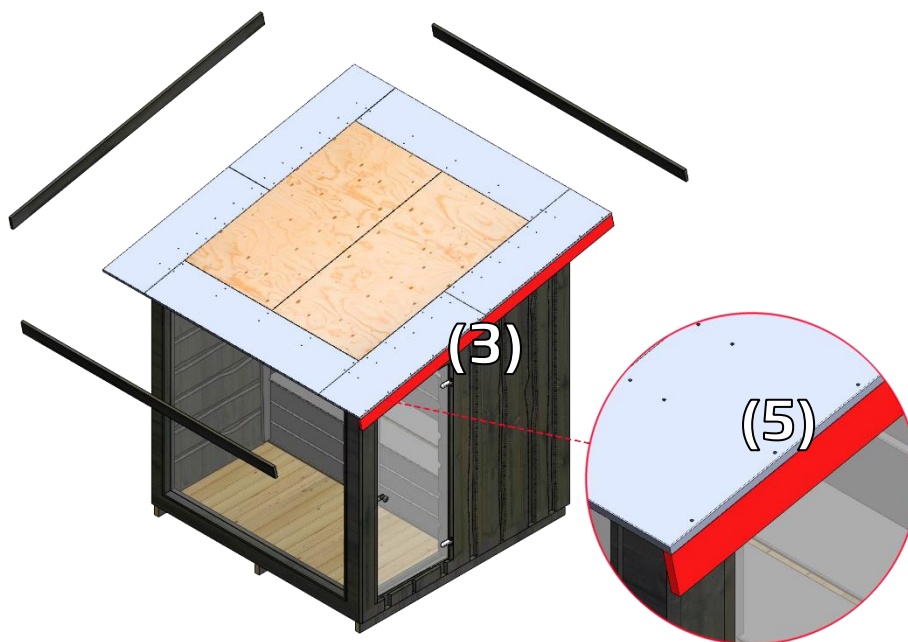
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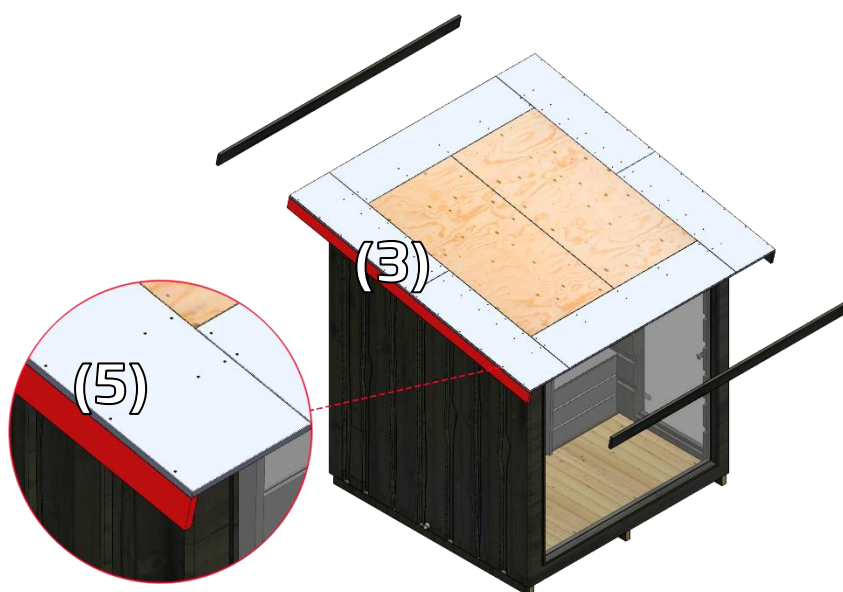
**1.** The base of the roof consists of six separate sheets of plywood. Attach the **roofing plywood (1)** first to the ends of the sauna using **terrace screws (5)**. The plywood sheets have places reserved for the screws **(10 for both)**.



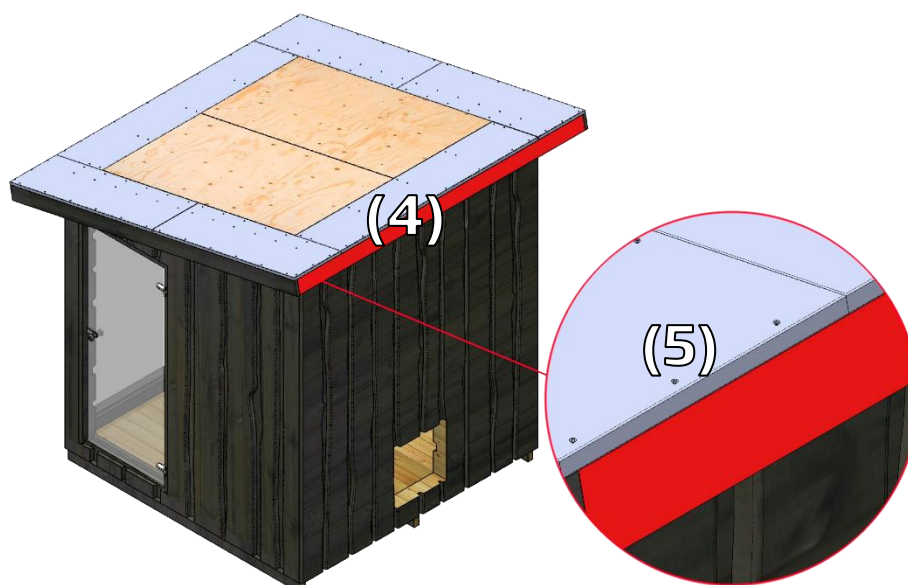
**2.** Attach the **plywood sheets (2)** to both sides of the sauna using **terrace screws (5)**. The plywood sheets have places reserved for the screws **(12 for each)**.



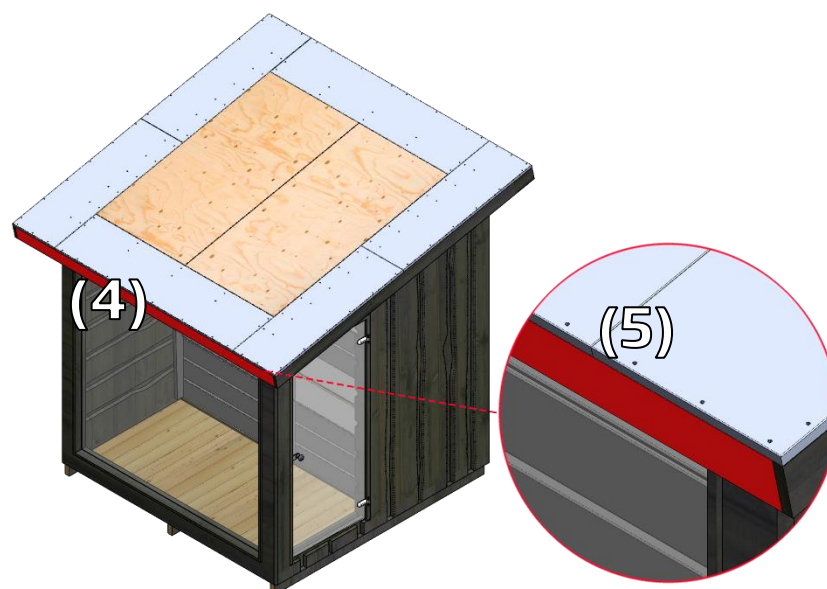
3. Attach the **fascia (3)** to the right side using **terrace screws (5)**. The plywood sheet have places reserved for the screws (**12 holes**)



4. Attach the **fascia (3)** to the left side using **terrace screws (5)**. The plywood sheet have places reserved for the screws (**12 holes**)

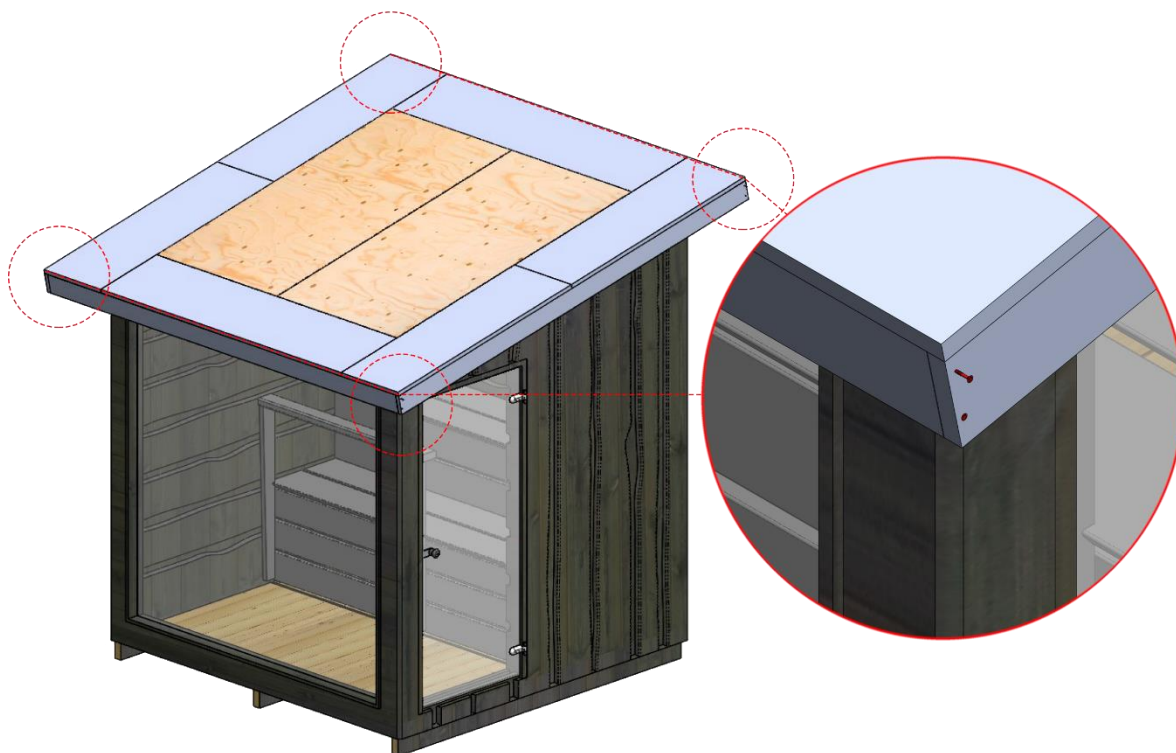


5. Attach the **fascia (4)** to the back end using **terrace screws (5)**. The plywood sheet have places reserved for the screws (**14 holes**)



6. Attach the **fascia (4)** to the front end using **terrace screws (5)**. The plywood sheet have places reserved for the screws (**14 holes**)

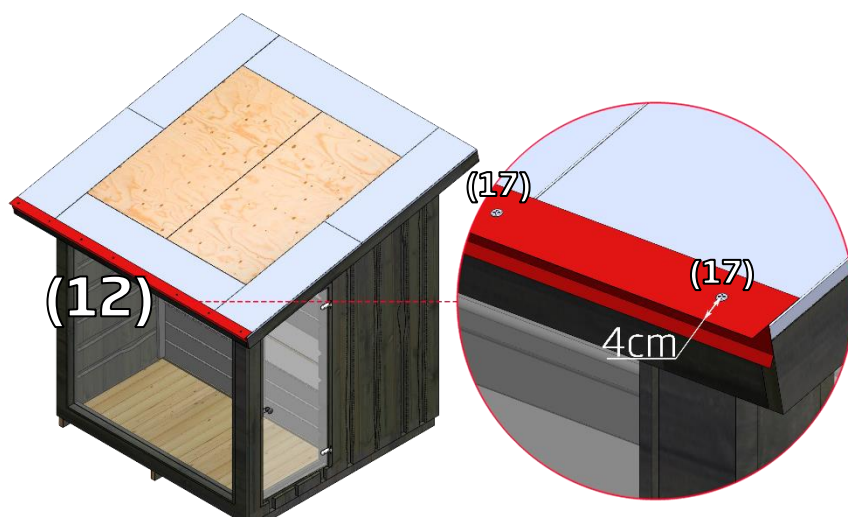




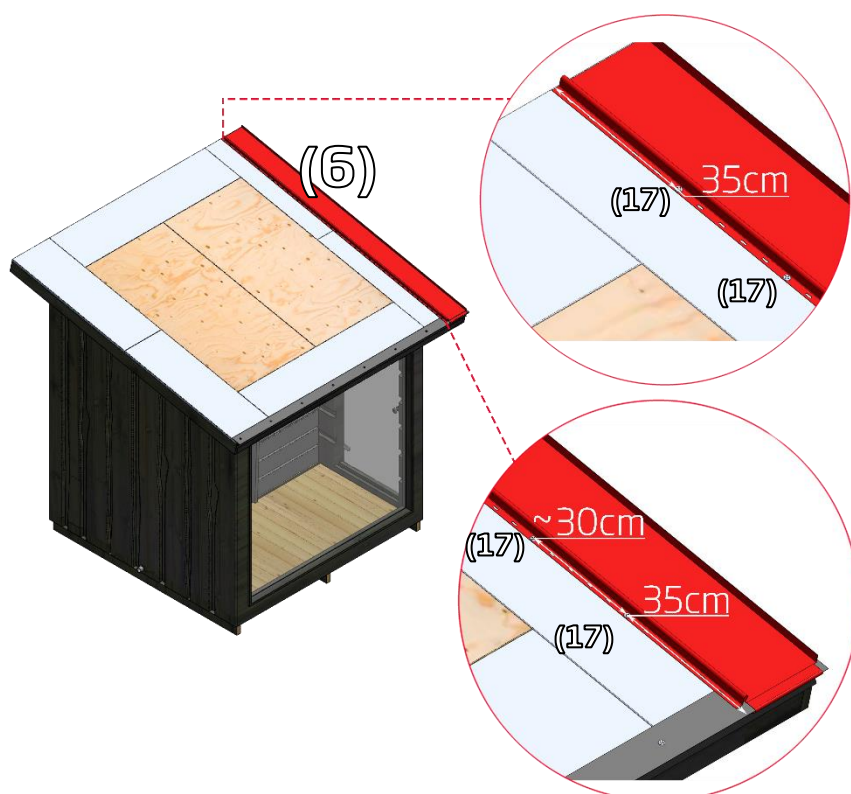
7. Make sure that each sheet is properly attached. Also remember to attach facias among each other using **terrace screws (5), 4 pcs per fascia**.

**If you have ordered version with wood heated sauna stove,** move to part **"Installing the flue"**

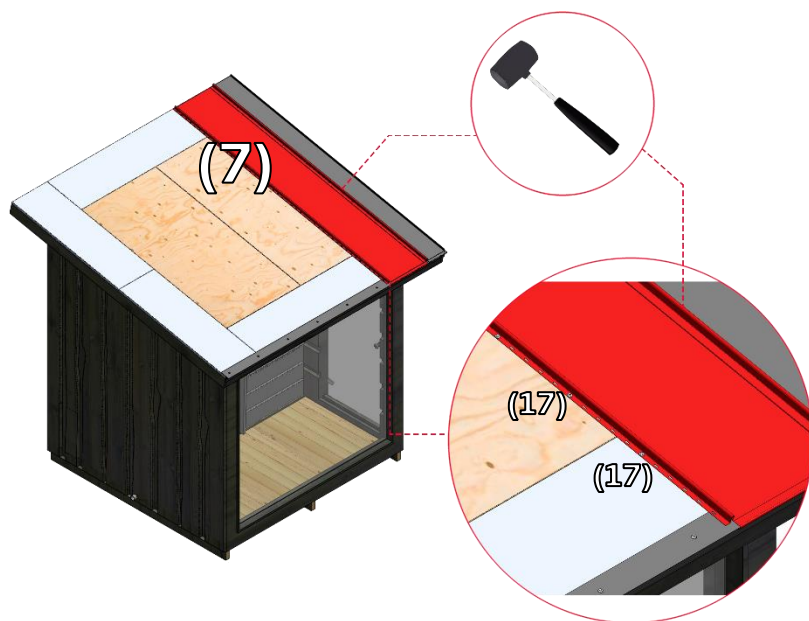




8. Attach the **metal flashing (12)** to the front of the sauna using **wronic screws (17)**.



7. Start attaching with the **roofing sheet, start piece (6)** using **wronic screws (17)**.  
Folded end of the sheets need to be located in front of the sauna.  
Recommended distance between the screws is 30cm but first and last screw is good to be at least 35cm from front and back end. All the sheets have pre-drilled holes.



**10.** Continue attaching **wide roofing sheets (7)**. Press the pieces in place (the seams remain tight) and screw them down using the pre-drilled holes and **wronic screws (17)** as shown in **image 9**. Make sure that the uppermost sheet is properly attached to the lowest sheet (you can use a rubber mallet to help with the attachment).

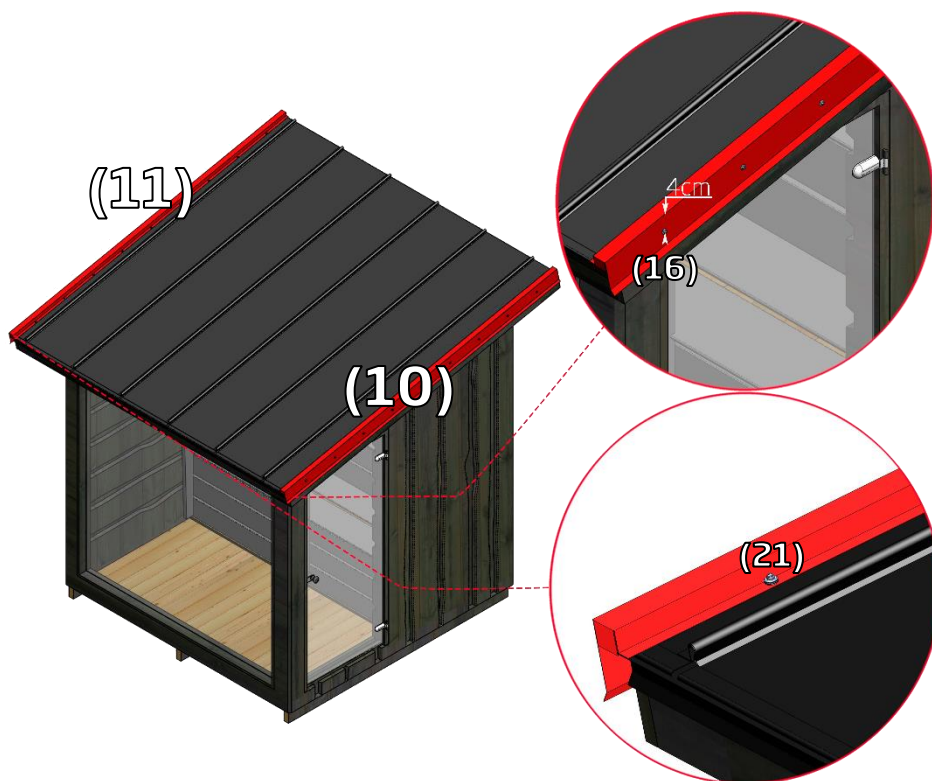


**11.** Attach rest of the **wide roofing sheets (7)** as shown in **image 10**.

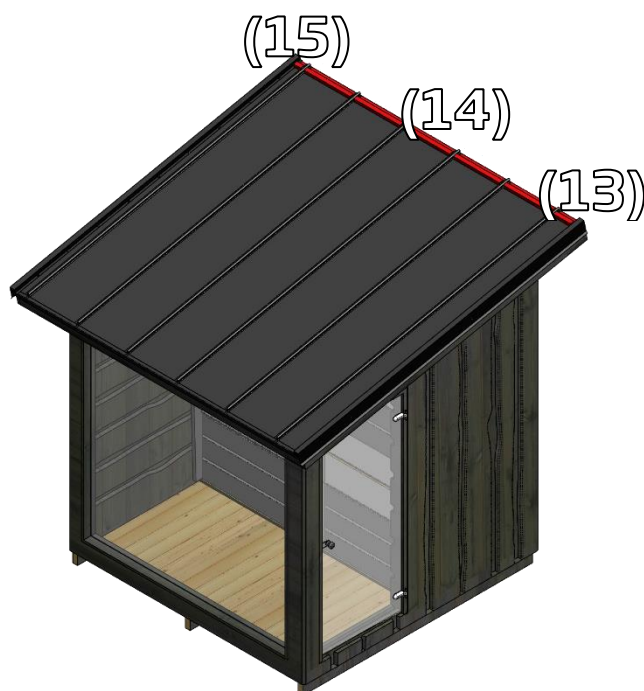
**Do not** use screws on the last piece of **wide roofing sheet(7)**.



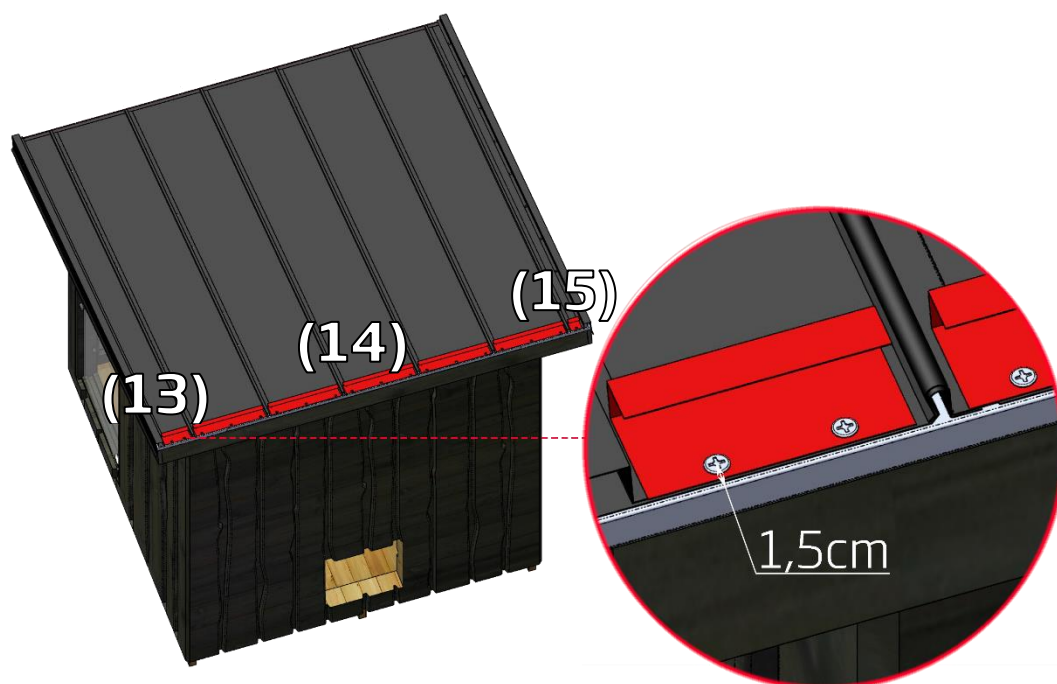
**12.** Attach the **narrow roofing sheet (8)**. (you can use a rubber mallet to help with the attachment).



**13.** Use the **roofing screws (16)**, attach the **flashing to right side (10)** and **left side (11)** from the sides. When mounting screws from top of the flashings use **roofing screws with washers (21)**. Make sure that the **flashings** are on the same level with **roofing sheets (6, 7, 8)** from the back. Closed end of the **flashings (10, 11)** needs to be on the front side of the sauna. **Flashing (10, 11)** slightly exceeds the **roofing sheets (6, 7, 8)** from the front side.

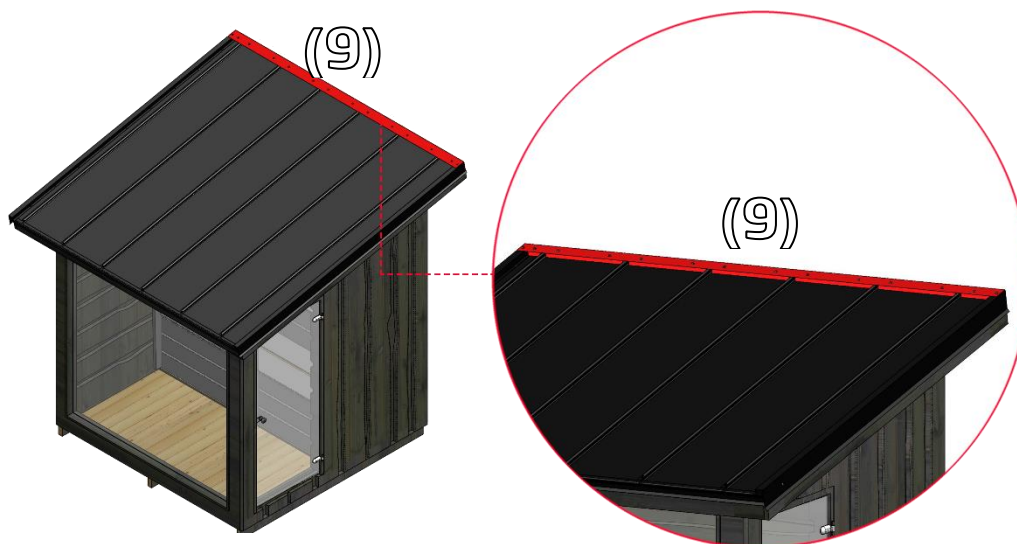


**14.** Attach the **sealings for flashing pieces (13, 14, 15)** on top of the roof.

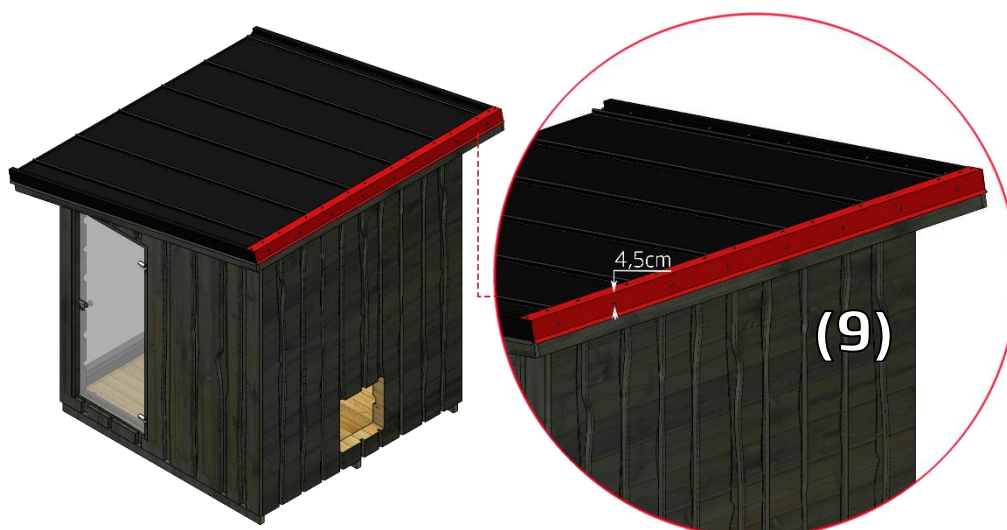


**15.** Using **wronic screws (17)**, attach the **sealing flashings (13, 14, 15)**. For the **starting sealing flashing (13)** use two screws, for **wide sealing flashings (14)** use three screws and for the **end sealing flashing (15)** one screw.





**16. Attach the end flashing (9) to the sealing flashings (13, 14, 15) and for the left and right flashing (10, 11).**



**17. Finish by attaching the end flashing (9) to the back of the sauna with the roofing screws (16).**

If you have chosen a wood-burning **Narvi®** sauna heater, the roof already has a hole for the flue of the wood-burning heater (not needed for an electric sauna heater). You can check how to install the flue in the section on flue installation.

## Installing a Narvi® sauna heater

**Please note: Before installing a wood-burning sauna heater into the sauna, remember to preheat the sauna heater outdoors in order to remove the protective agents (see detailed instructions in the section 'Preheating before using the sauna').**

The instructions vary slightly depending on the model of the **Narvi®** sauna heater. The sauna heater included in the sauna package has been chosen based on the volume of the sauna. We have also taken account of the weight-carrying capacity of the floor with regard to the sauna heater included in the package, as well as the necessary safety clearances to ensure fire safety (see image). However, the customer must ensure that there are no flammable materials, such as wood or textiles, close to the sauna heater.

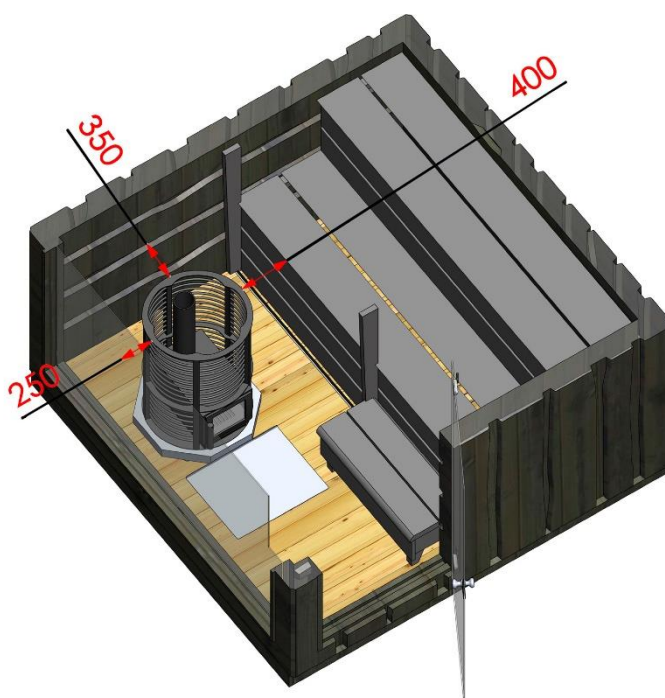
**The Narvi® wood-burning sauna heaters** are delivered in a separate package (the heater package can be found inside the sauna). The sauna heater attachments depend on the model. You can find both instructions and materials in the sauna heater package. In front of a wood-burning sauna heater, you should install a floor plate that reaches at least 100 mm to the sides of the heater door and 400 mm in front of the heater. The edge of the sheet is folded up on the heater side to prevent embers from getting under the base.

### FIRE SAFETY

If the sauna is located close to buildings or integrated into the terrace, you must ensure that the chimney is sufficiently removed from all flammable structures. You should remember to check the distance both in the vertical and horizontal direction to ensure there is no danger of ignition. Follow the instructions provided with the sauna heater. In addition, we recommend that you check the fire safety regulations of your residential area from the local fire or building authority. In Finland, the distance from the neighbour's border must be at least 4 m, unless the neighbour has given their written consent to build the structure closer. The distance between the sauna and the nearby buildings should be 8 m.

There must not be any flammable material in front of the sauna heater. There must be an area with non-combustible material (fireproof sheet), such as a metal sheet, in front of a wood-burning sauna heater as shown in the **image**.

When the sauna heater is heated for the first time after winter, the heating should be done carefully by only lighting a small fire to ensure that the firebox or flue of the sauna heater are not damaged. We recommend keeping fire extinguishing equipment close to the sauna. Ashes should be removed from the sauna heater regularly, preferably after each use. The fire grates last longer





and draught remains good when the sauna heater is well cared for. Do not forget to empty the ashes into a non-combustible container and let them cool for approximately one day.

## Chimney fire

A chimney fire refers to the soot and combustion residue accumulated in the flue burning in an uncontrollable fire. A fire may be lit due to high heat, wind or a spark. You can avoid a chimney fire by ensuring that the flue is swept regularly and only burning dry wood with sufficient air in the fireplace.



If you detect a chimney fire in the flue, close the doors of the ash drawer and the firebox. A chimney sweeper must check the condition of the flue and the sauna heater after a chimney fire before next use.

## Preheating before using the sauna

Before using the sauna and putting the stones into place, a wood-burning sauna heater is preheated outdoors on a non-combustible base. Before preheating, remove all protective plastic and stickers from the sauna heater. The purpose of preheating is to remove all protective agents from the sauna heater, such as harmful solvents and fumes released from the paint. Using the connecting pipe provided with the sauna heater in the top connection of the heater improves draught while preheating the stove. Filling the firebox with wood 1-2 times is enough for preheating. After heating, the material that has come loose from the space reserved for stones in the sauna heater is removed using a wire brush, for example. The painted outer surface of the sauna heater must not be scrubbed or wiped. Water must not be thrown on the sauna heater during preheating. Attach the sauna heater and add the stones in accordance with the instructions. You can find more information in the instructions of the sauna heater.

## FLUE

In Kirami's FinVision sauna, we use the wood-burning sauna heaters and fireproof flues by the Finnish sauna heater manufacturer **Narvi**. Read more about the fireproof **Narvi®** flues at the following link (in Finnish): <http://www.narvi.fi/upload/dokumentit/narvihormi/narvihormi.pdf>

Note! Attach the type plate of the flue to the outer shell or in the immediate vicinity of the fireplace to ensure that it can be read easily. The size of the flue, the installation date and the party that carried out the installation must be marked on the type plate.

### Steel flue damper

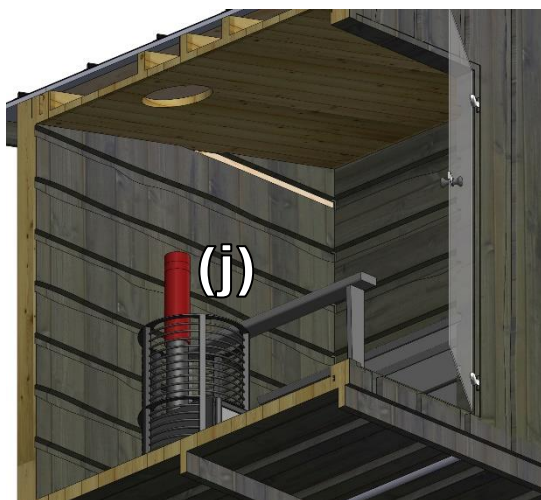
The **Narvi®** Kota steel flue is equipped with a flue damper in accordance with the standard. As of the beginning of 2018, the Decree of the Ministry of the Environment (<https://www.finlex.fi/fi/laki/alkup/2017/20170745>) 745/2017, section 7, requires that all wood-burning fireplaces or chimneys have a flue damper. Products with a CE marking are standardised and tested in accordance with the T600 classification.

### Installing the flue

If a Narvi® wood-burning sauna heater has been selected, a flue suitable for the heater and dimensioned to fit the sauna will be provided with the sauna. The purpose of the steel flue is to lead the combustion gases coming from the fireplace safely outside. Install the flue precisely in the right place in accordance with the instructions below. In the image, you can see the parts of the flue and how to put them in place.

Follow the instructions below on how to install the flue:

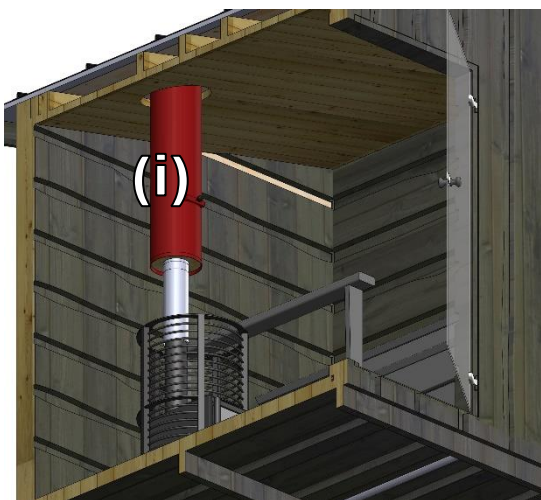
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**1. Place the 540mm connecting pipe (j) directly to the sauna heater.**



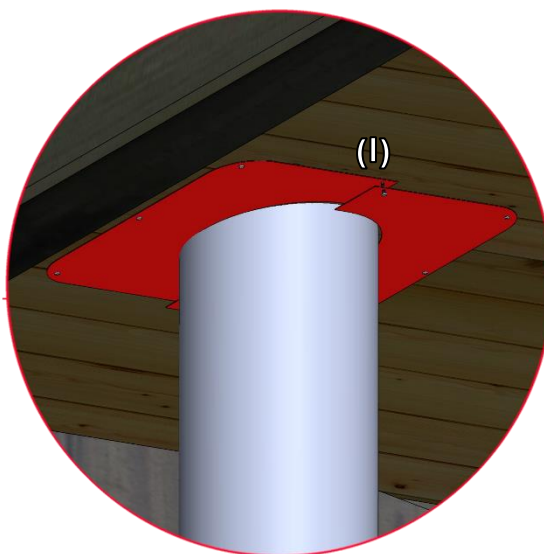
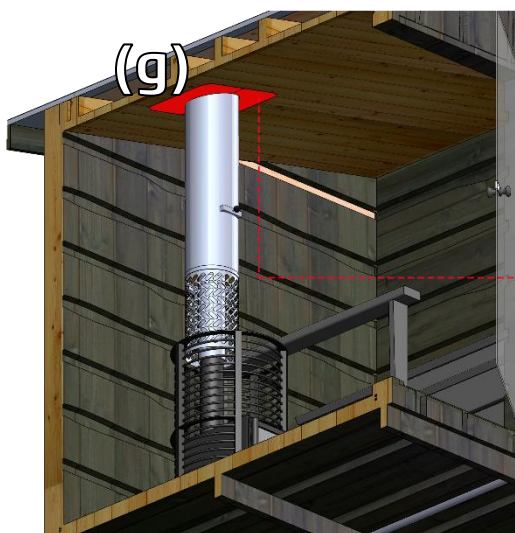
**2. Use silicon between each chimney part that you're connecting.**



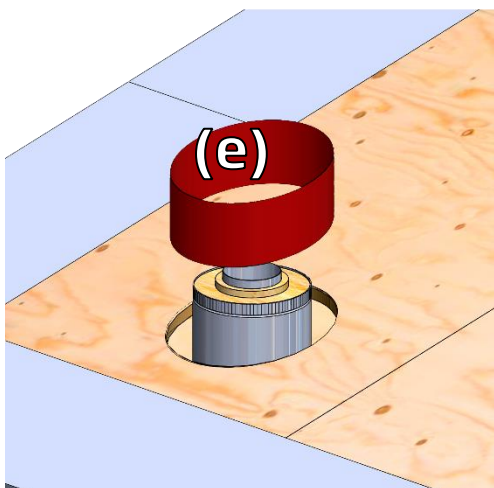
**3. Install chimney valve section (i).** It's recommended to place sauna stones after this.



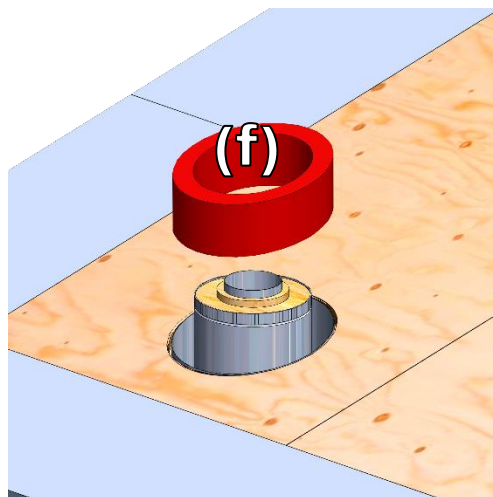
**4. Place the basket for stones around the connecting pipe and fill it with smaller stones.**



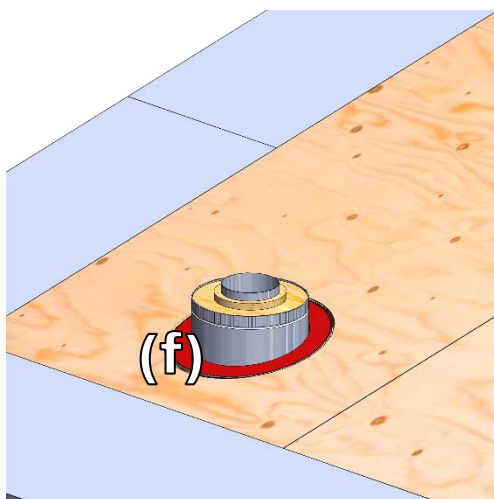
**5. Install ceiling cover plate (g) on the ceiling around the chimney pipe using torx screws (l).**



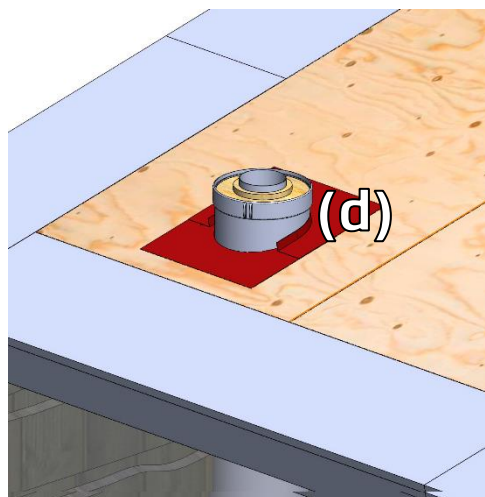
**6.** Move over to the roof and place **ceiling duct casing (e)** around the hole in the roof.



**7.** Place **ceiling duct insulation (f)** between duct casing and chimney.

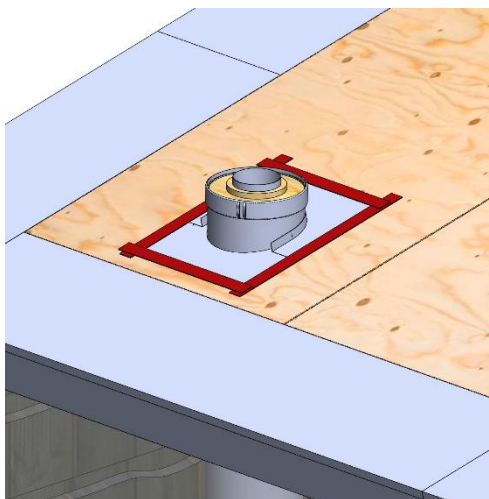


**8.** Ceiling duct insulation (f) on its place.



**9.** Place **ceiling underlay (d)** around the chimney. It will seal and support the chimney.

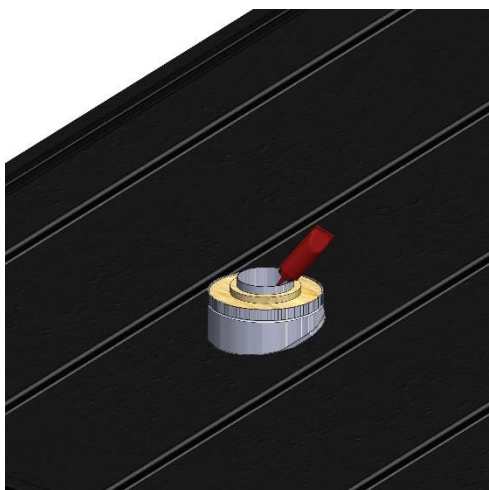




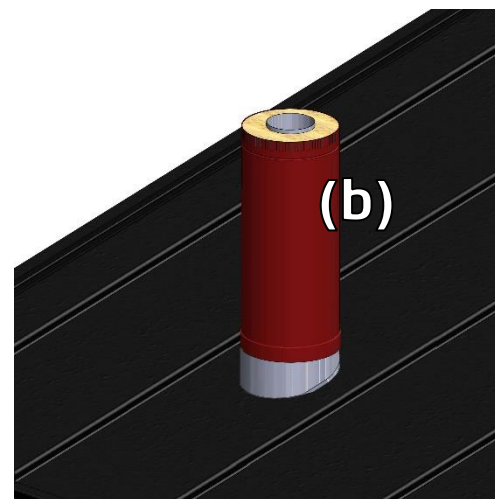
**10.** Attach the underlay with **insulating tape**.



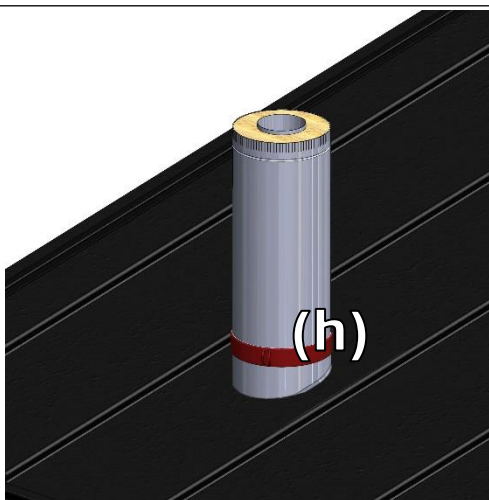
**11.** Install the roofing sheet.



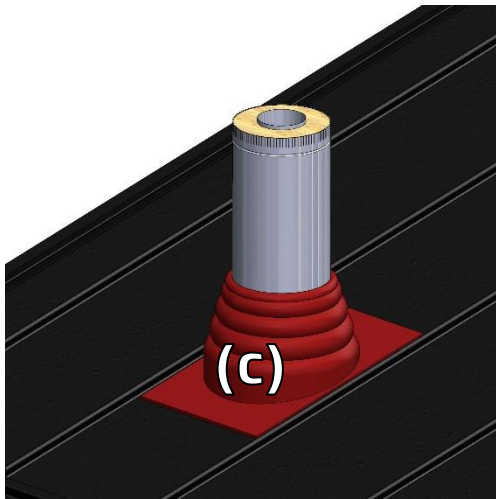
**12.** Remember to use silicon between each chimney part that you're connecting.



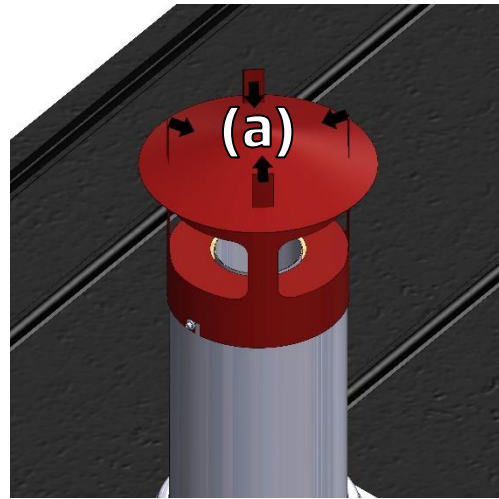
**13.** Place **chimney section 600mm (b)** on its place.



**14.** Attach the chimney section 600mm with **fastening hoop (h)**.



**15.** Place the rubber **roof seal (c)** around the chimney section. Remember to add silicon between chimney section and chimney hat.



**16.** Place the **chimney hat (a)** on the flue section and attach the hat with two screws. Lock the chimney hat over bending the stripes on top of the hat.

### Lighting a fire in a wood-burning sauna heater

Only natural kindling and dry hardwood or softwood should be used for lighting a fire in a wood-burning sauna heater. The moisture content of the wood should be less than 20%. Good firewood consists of split wood with a diameter of around 5 cm, length of approx. 33 cm and weight approx. 0.5 kg. Stack the wood loosely into the firebox and light the fire from the top. A calm flame is a sign of suitable draft. You can adjust the amount of draft with the ash drawer. If the sauna heater makes a loud humming noise while heating, you should close the ash drawer more. When the flame is more even, the stones heat better and the flue does not get overheated. Low pressure may make lighting a fire in the firebox difficult; in that case, the sauna door can be held open for a moment and the ash drawer kept a bit further ajar until the firebox is properly lit.

Liquid fuel, cardboard or milk cartons must not be used for lighting fires. For lighting a fire, we recommend birch bark or firestarting blocks, such as Burner bags of paraffin.

The sauna door must be closed during heating. When the desired temperature (recommendation: 70–80 degrees Celsius) has been reached, a small fire can still be kept in the firebox to maintain the temperature of the sauna heater. Practice makes perfect in this as in anything else.

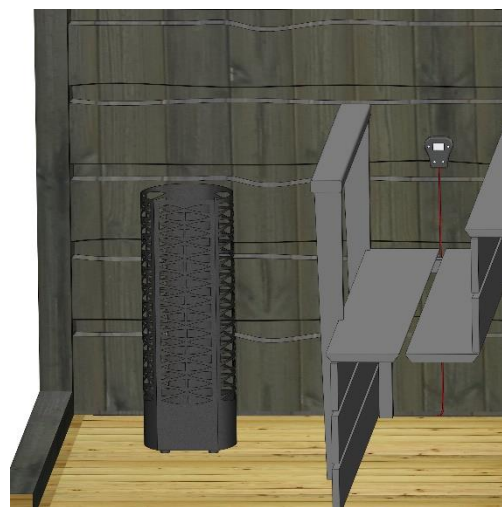
Empty the ashes from the sauna heater after each use to ensure that the fire grate/grates or air dampers are not covered by ash. Ash shortens their service life considerably. See detailed instructions on fire grates and their maintenance in the instructions of the sauna heater in question.



## Installing Narvi® electric heater

**The Narvi® electric heater** has already been attached to the sauna in the factory. In order to use the sauna heater, electricity must be connected to the sauna separately. The end customer is responsible for connecting the sauna to electricity. Only a qualified electrician can carry out the final installation of an electric sauna heater. Electrician refers to a person authorised to carry out electrical work or someone working under the supervision of such a person. The valid electrical safety regulations must be taken into account in installing the sauna heater. In unclear cases, ask the local fire or building authority for further instructions.

After installing the heater, put the sauna heater stones in place. Placing the number of stones recommended in the instructions into the sauna heater guarantees a better sauna bath. For example, if an electric sauna heater only has a small number of stones, the heater's resistors may break. See the manual included in the sauna heater package for more detailed instructions.



Attach electric heater's control panel on the back wall top of the lower bench.

## Using an electric sauna heater

**THE SAUNA HEATER MUST NOT BE USED WITHOUT STONES. IF THE SPACE RESERVED FOR STONES IS NOT FULL, IT WILL CAUSE A FIRE HAZARD!**

Always check the sauna room before turning the sauna heater on. The sauna heater control switch is located in the front of the bottom part of the heater.

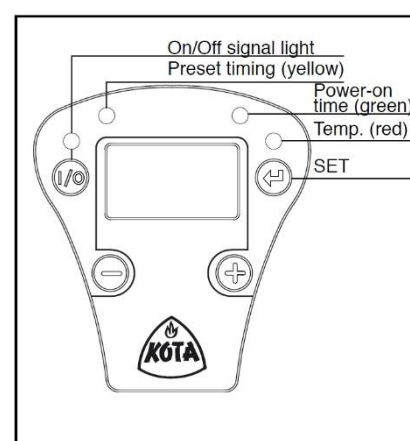
## General description

- The sauna heater can be turned on and off by pressing the I/O button (toggle).

- The SET button is used for setting the following parameters: Preset timing, power-on time and temperature. The settings are adjusted with the +/- buttons. During set-up, a LED flashes to indicate the parameter being set, with the respective value being displayed on the screen.

- The power-on time and temperature settings remain in memory even after a short power outage. After a longer power outage, the times are reset to their default values. The preset timing will always be reset after use.

- The On/Off LED is lit red whenever the heating elements are turned on; at all other times it is lit green. During the preset time, the On/Off LED is not lit. On/Off indicator light Preset timing (yellow) Power-on time (green) Temperature (red) SET



## Preset timing

- The yellow LED is lit when the preset timing is active. The time remaining before the heater is switched on is shown on the display.
- Once this time has elapsed, the heater will be switched on, and the On/Off LED will be lit red.
- The preset time will not be saved in the memory, but will reset to zero after use.
- When the preset time is being set, the yellow LED flashes. At first, the timing is staggered by intervals of 30 minutes and after that by an hour.

## Power-on time

- The remaining power-on time is shown on the display.
- At first, the timing is staggered by intervals of 15 minutes and after that by half an hour.

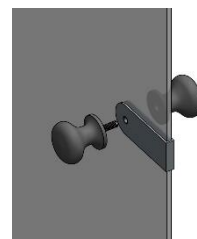
## Power-on

- When the heater is switched on, the temperature of the sauna is shown on the display.
  - Optionally, the display can be set to show the remaining power-on time or to alternate between the time and the temperature – see the section 'Settings'.
- As soon as the heater reaches the predetermined temperature, the On/Off LED will be lit green, and the elements will not be powered.
- Once the heater has cooled down enough that the elements are powered again, the On/Off LED will again be lit red.
- The heater remains operational if the power outage lasts less than three minutes. When the power supply resumes after a power outage of less than three minutes, the heater will resume its operation from the point where it was before the outage.
- If the outage lasts longer than three minutes, the heater is switched off.
- The settings will always stay in the memory regardless of the duration of the outage.

**You can find more information in the user instructions of Narvi's KOTA Saana.**

## Installing the doorknob

The sauna door has already been attached, but the doorknob still needs to be installed as shown in the image.



## Lighting

The end customer is responsible for connecting the sauna to electricity. If there is no need in the sauna for additional electricity for other reasons, such as an electric sauna heater, the electricity needed for the sauna lighting can also be provided with an approved electric cable reel. The sauna already has LED lights installed under the benches. The space under the benches has a socket for the LED lights, which can be accessed through a pre-drilled hole (24mm) under the benches in the left corner. You can power the lights by plugging them into the socket. The lights are always on when they are plugged in, there is no separate switch. The LED lights only consume a small amount of electricity, which means that mood lighting can be on even if the sauna is not in use.



## USE

### Sauna bathing

The most important thing while sauna bathing is to take care of hydration, i.e. **drinking water**. Even though sauna bathing is beneficial to your health, you must always listen to your body. Suitable heat and steam in the sauna is a combination of the right temperature, humidity and ventilation. In Finland, sauna bathing at a temperature of 70-80 degrees Celsius is normal. The heat should nevertheless reach at least 70 degrees to kill any possible bacteria.

Avoid sauna bathing with babies less than six months old, because their heat tolerance has not developed yet. You can start taking babies of six months of age or older to the sauna for short periods of time while staying on the lowest benches and not throwing water on the rocks. If you have an illness, always ask the doctor for recommendations on sauna bathing.

Please note that the sauna heater and its parts get hot when the heater is heated. Always use protective gloves when touching parts of the heater. Move carefully in the sauna, because the floor and benches of the sauna may be slippery.

### Recommended accessories

We recommend the following accessories to make sauna bathing an easy and enjoyable experience. **Water bucket and ladle** are necessary: they can be used to throw a suitable amount of water on the sauna heater. **Thermometer** makes it easy to monitor the temperature both while heating up the sauna as well as maintaining the heat. **Sauna bench towels** make it easy to maintain hygiene; the benches do not feel hot and the towels decorate the sauna beautifully. Different kinds of **sauna scents** create experiences for the senses; e.g. the eucalyptus sauna scent opens up your nose if you have a cold (always remember to read the instructions on the sauna scent package). We recommend using organic sauna scents. They are environmentally friendly. **Sauna and bathing hats** protect the bathers from cold, especially while cooling off outside in cold weather. In Finland, we also use a **sauna whisk** during the summer. The sauna whisk is bound out of birch twigs, and we Finns use it to gently whip ourselves. Using the whisk improves the circulation of blood in the body.



## Sauna door

The heat and humidity in the sauna as well as the variations in the temperature outdoors may cause changes in the tightness of the sauna door.

## Sauna and hot tub - best friends forever!

In Finland, saunas and tubs are best friends forever: where there's a tub, there's a sauna. It feels great to step outside to the yard from the heat of the sauna to cool off and plunge into the even temperature of the hot tub to relax. The hot tub itself is a pleasure, crowned by bathing in the sauna. Inside the sauna, you can enjoy the quiet only broken by the hissing of the sauna heater, while in the hot tub you can listen to the sounds of the surrounding nature.

## SAUNA CARE AND SAFETY

### Replacing the sauna heater stones

Maintenance is a part of the normal use of the sauna heater. The stones should be replaced regularly to ensure that the sauna heater operates well and flawlessly. The stones disintegrate slowly under the thermal stress. The stones do not need to be replaced every year, but they should be restacked. In the sauna, we have used traditional **Narvi® sauna heater stones**.

### 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 sauna

The outer surface of the sauna, made with plain sawn softwood and spruce plywood, has a beautiful grey tint. Later treatments should be carried out using a suitable shade of grey, because the lighter wood needs more colour. If you want to maintain this shade of grey, the outside of the sauna must be stained every few years, depending on how the sauna is used. At the factory, the sauna is treated with industrial water-based wood oil. If you want to use the original industrial wood oil to treat the sauna again, you can order the wood oil via your retailer. Alternatively, the outer surface can be treated with Pinotex classic 21 (colour code 6103-Y67R 'Järkäle' (boulder) (EU)) 'harmaaleppä' grey alder wood oil.



## **Benches and interior surfaces of the sauna**

The light grey sauna benches and the dark interior walls create a beautiful contrast. The treatment protects the sauna benches and walls from humidity. You can treat the sauna again as needed. The sauna walls and benches are treated with industrial wood oils suitable for use in sauna interiors. If you want to treat the interior parts and benches of the sauna again with the original industrial wood oil, you can order it via your retailer. Alternatively, the interior surfaces of the sauna can be treated with wood oils intended for use inside a sauna, available at a hardware shop. (Colour codes for the sauna walls: 'harmaaleppä' (grey alder) or 6103-Y67R 'järkäle' (boulder) (EU). The sauna benches can be treated with colour code 4804-Y21R 'sinihaapa' (blue aspen) (EU)).

## **Hygiene**

We always recommend washing up before and after sauna bathing. Always use clean sauna bench towels to protect the benches and maintain hygiene. A clean sauna has a fresh scent, which makes sauna bathing a pleasure.

## **Cleaning**

Ensure the cleanliness and hygiene of the sauna by washing it sufficiently often. Before washing the sauna, empty the ashes from the sauna heater's firebox and brush off all rubbish from the floor. We recommend using environmentally friendly cleaning agents such as Kirami's Biowash for washing the sauna. Rinse the sauna walls, benches and floor well after washing; you can also use a garden hose to spray water on the surfaces in question. Check once more that the air gap under the sauna benches is clear from debris to ensure good circulation of air while sauna bathing.

## **Other safety issues**

Ensure the safety of children in the sauna and in its vicinity. Children must not be left unsupervised in the sauna. When the sauna is not in use, its door should be kept closed and locked, if necessary.

Do not overheat the sauna. The recommended sauna temperature is 70–80°C.

When going to the sauna while it is cold outside, you should use a bathing hat while cooling off outside to avoid catching a cold.

Avoid using the sauna if you are tired or feeling unwell.

Sauna bathing for long periods of time may cause dehydration, and in the worst case scenario, bathing in an excessively hot sauna may cause a heatstroke.

If you have an illness, always ask the doctor for recommendations on sauna bathing.



## 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.
- 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.

## KIRAMI OY WISHES YOU A DELIGHTFUL SAUNA EXPERIENCE!

We reserve the right to make changes to the product without a separate notice.

### **Narvi® installation, user and maintenance instructions (main page):**

<http://www.narvi.fi/en/service-center/installation-manuals.html>

### **Narvi® Kota Inari Plus (wood-burning sauna heater) installation and user instructions:**

[http://www.narvi.fi/upload/asennusjakayttoohjeet/puukiukaat/kota\\_luosto-inari-pallas2017\\_v15\\_fi\\_se\\_en\\_de\\_ru.pdf](http://www.narvi.fi/upload/asennusjakayttoohjeet/puukiukaat/kota_luosto-inari-pallas2017_v15_fi_se_en_de_ru.pdf)

### **Narvi® NC 16-24 (wood-burning sauna heater) installation and user instructions:**

[http://www.narvi.fi/upload/asennusjakayttoohjeet/puukiukaat/ce\\_nc16-20-20vs-24\\_kayttoohje\\_140321\\_en\\_lowres.pdf](http://www.narvi.fi/upload/asennusjakayttoohjeet/puukiukaat/ce_nc16-20-20vs-24_kayttoohje_140321_en_lowres.pdf)

### **Narvi® KOTA Saana electric sauna heater, installation and user instructions:**

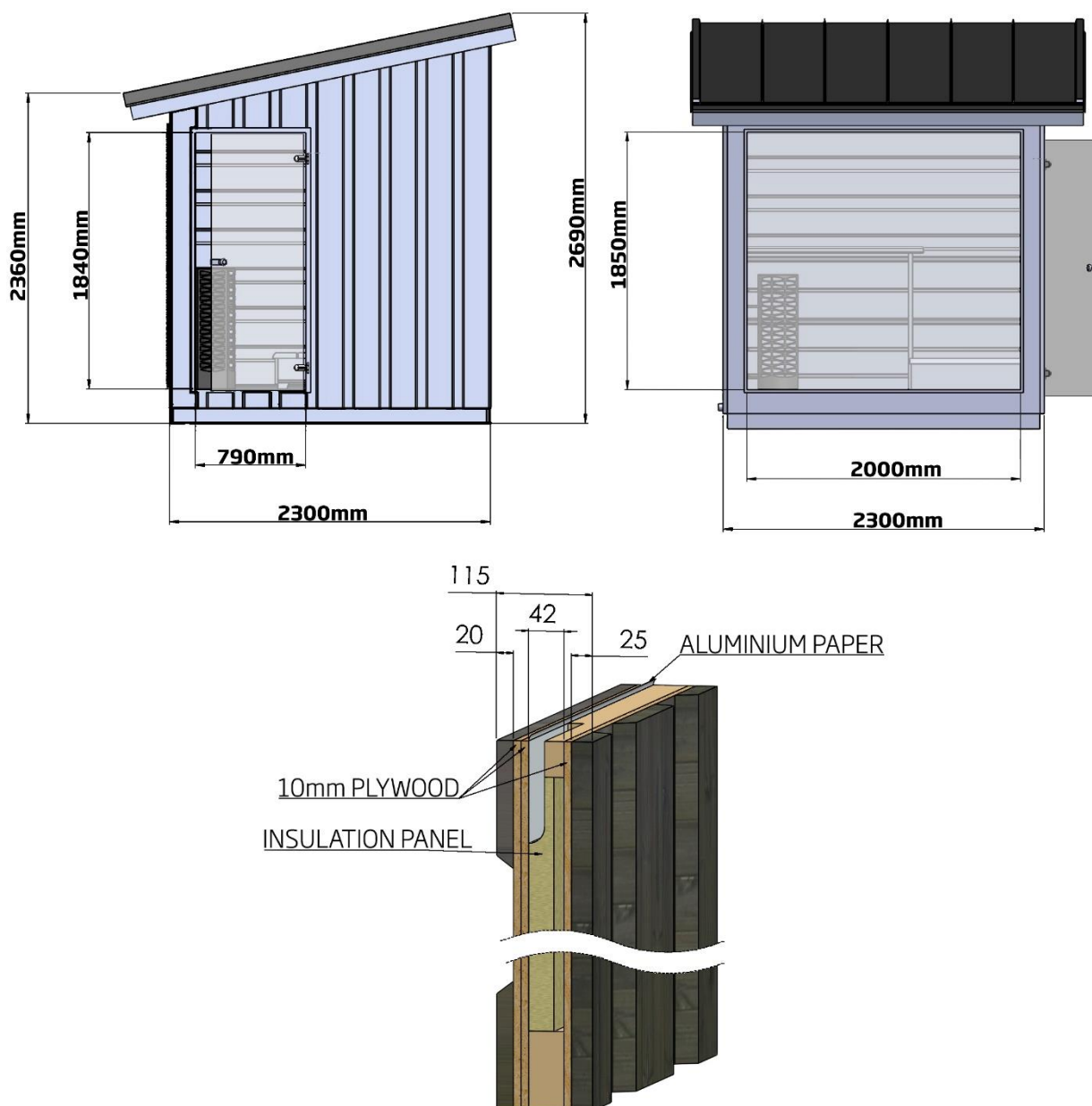
[http://www.narvi.fi/upload/asennusjakayttoohjeet/sahkokiukaat/kota\\_saana\\_100117.pdf](http://www.narvi.fi/upload/asennusjakayttoohjeet/sahkokiukaat/kota_saana_100117.pdf)

### **Traditional Narvi® sauna stones:**

<http://www.narvi.fi/en/products/sauna-products/sauna-accessories.html?prodid=51>







Like us on Facebook! You will get tips and information about how to use the products, you can participate in contests, and share experiences and images with other sauna enthusiasts [www.facebook.com/kiramioy](https://www.facebook.com/kiramioy)



**Kirami Oy YouTube channel**

[https://www.youtube.com/channel/UCZ99\\_3iXnZZRn9bpkp4UpAg](https://www.youtube.com/channel/UCZ99_3iXnZZRn9bpkp4UpAg)



**Kirami Oy Instagram**

You can find us on social media with the hashtag #Kirami

You can find spare parts and bathing accessories easily from our webshop: [kauppa.kirami.fi](https://kauppa.kirami.fi)

