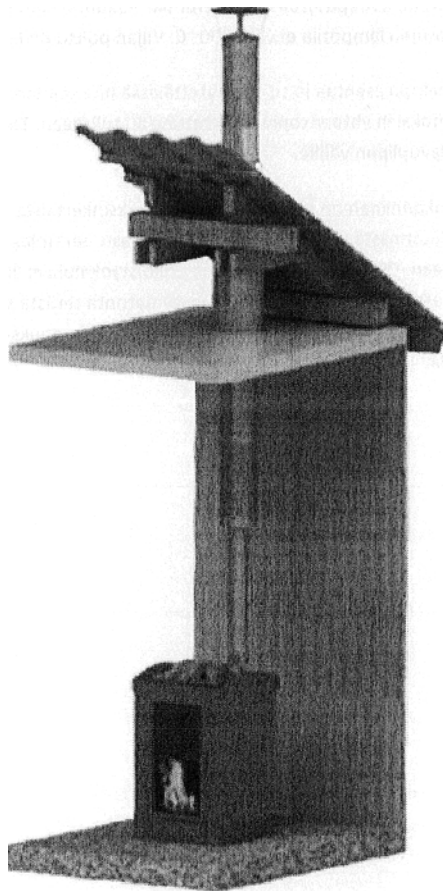


# Jeremiah Sauna Pipe

Premium

## Instructions for installation and use



**Jeremias**®  
CHI MNEY SYSTEMS

Thank you for a good choice.

Jeremias is one of Europe's leading and largest chimney and flue manufacturers in Germany with over 40 years of experience in the industry. We guarantee the high quality and durability of our products. We use only proven raw materials and our products are the best in the industry and are supplied worldwide. Jeremias manufactures a wide range of chimneys; from stoves and fireplaces to large industrial and thermal power plants and everything in between.

We recommend that the installation is carried out by a professional. Please keep these installation and operating instructions in a safe place. After installation, these instructions should be given to the owner, holder or person responsible for the use of the chimney. Please read the instructions before installation and commissioning.

Jeremias Sauna Chimney Premium is of excellent quality, safe and CE approved. With the CE marking, the manufacturer declares that the technical data indicated on the marking have been verified and the product tested in accordance with the harmonised product standards EN 1856-1 and EN 1856-2. However, the suitability of the product for the intended use and purpose must always be verified.

Jeremias - Sauna Chimney Premium is a double-walled, insulated metal system chimney for top-vented fireplaces for indoor and outdoor use with solid fuel (wood) stoves. The Jeremias sauna chimney has a temperature rating of T600, which means that it is suitable for all fireplaces where the flue gas temperature does not exceed 600°C. The burning of grain is prohibited.

The Jeremias Sauna Chimney Premium is easy to install and can be used with both sauna and other fireplaces such as fireplaces. It is necessary to ensure that the connections of the chimney are compatible with the fireplace to be connected. If required, Jeremias can supply a m a d e - t o - m e a s u r e fitting between the fireplace and the chimney.

In principle, assembling the Jeremias Sauna Pipe Premium is very simple. You can assemble a chimney from modules to suit your needs, from the fireplace connection up to the chimney cap. The Jeremias-Sauna Chimney Premium can be extended by purchasing additional extension parts as required. The parts fit together and no special tools are required for connection. The Jeremias-Sauna Pipe Premium has an acid-resistant inner pipe and a stainless steel outer casing and is insulated with fireclay wool. The modular chimneys can be used to install a heater or other fireplace in almost any building, provided that this is permitted by laws, regulations and building codes.

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## 1. At the start of installation

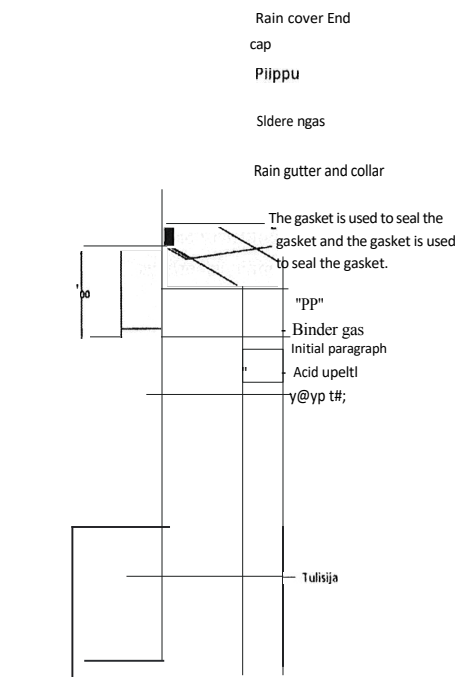
The incoming delivery must be inspected immediately on receipt and any transport damage must be notified to the carrier and recorded in the consignment note.

### 1.1. Checking the contents of the delivery

The standard delivery includes the following chimney parts:

- 1 m uninsulated connecting pipe, which may be shortened (recommended minimum length 0,2 m)
- + the insulated part (1,5 m) is always delivered in two parts (1 m and 0,5 m), which are connected to each other by means of a binding ring
- + the closing song (the rain hat acts as a bandage)
- opening song and siderengue
- a sliding support/roof cover plate, which can be used for 0° to 30° roof pitches
- rain collar and collar and lock for the roof
- rain cap (slid over the end piece of the top element and tightened in place)
- CE labels (2 pieces)
- installation instructions
- additional insulation for the penetrations (max. insulation height of the intermediate roof 400mm)
- Smoke extractor' (optional)
- external diameter of the chimney 215 mm
- the insulated part has a safety distance of 100 mm
- the recommended safety distance of the uninsulated connecting pipe is 500 mm

Example of installation:



Please check the content of your delivery against the list above as soon as possible. The recipient must notify the supplier immediately of any defects, faulty or incorrect parts, but no later than 8 working days after delivery. If the defects or faults are attributable to the supplier, the supplier shall deliver these new parts to the customer as quickly as possible. The manufacturer and the supplier shall not be liable for any costs arising from consequential damage, delays, stoppages, etc.

### 1.2. Points to note and provisions

Note the Ministry of the Environment's Regulation 745/2017 on the construction and fire safety of chimneys. According to the Regulation, the main designer, the structural designer and the special designer of a construction project must, in accordance with their respective tasks, design the chimney with its lining, its foundation or other substructure, support and verticality, as well as the cleaning hatches and connecting and connecting flues and accessories, in such a way that the draught, structural durability, tightness and service life required for the operation of the fireplace connected to it are achieved.

Also check the following:

- the chimney installation and building permits are in order
- The chimney length and internal pipe diameter are in accordance with the fireplace manufacturer's instructions or you will need an adapter.
- Before making the vent holes, make sure there are no midslabs in the way.
- Make sure in time by measuring that the possible extension is not located between the intermediate floor and the water roof.

### 1.3. Safety distances

**NOTE Failure to follow this instruction may cause a fire hazard!**



Safety distances must be in accordance with the manufacturer's instructions.

Place combustible building elements far enough from the outside of the chimney so that their temperature cannot rise above +85 °C, but at least 100 mm from the outside of the chimney. The temperature in the sauna may be higher.

#### Chimney safety distances

The safety distance for an insulated chimney is 100mm. It is recommended that you contact your local fire inspector for further guidance. The minimum safety distance for an uninsulated connecting pipe is 400mm, the recommended distance is 500mm.

In a sauna, the lower part of the insulated flue must be at least 400 mm downwards from the ceiling. The safety distance is always measured from the combustible material to the hearth or flue.

### 1.4. Surface treatment

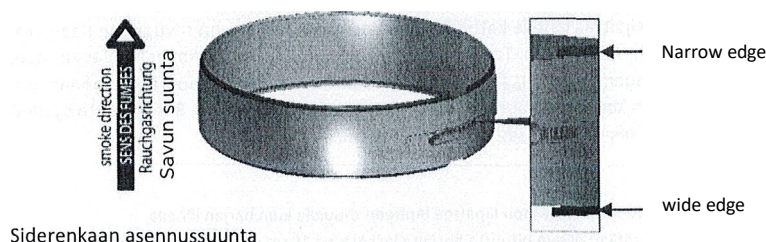
The Jeremias Sauna Chimney Premium has a stainless steel casing. The mantle can also be painted at the installation site. The paints and coatings chosen must be suitable for the maximum temperatures anticipated and must also be resistant to the stresses of the outdoor environment. When used correctly, the temperature of the chimney shell will not exceed +85 °C. In a sauna, the temperature rises considerably, e.g. the temperature above the sauna stove can reach +250 °C. The black sauna chimney is silicon-coated stainless steel.

The manufacturer's guarantee is not valid if the surface of the chimney is treated after delivery.

## 2. Installation

The Jeremias Sauna Chimney Premium can be installed either in a finished or semi-finished building. The waterproofing of the roof is best done on the finished roof surface. This way the piercing is always in the right place.

The insulated part of the Jeremias Sauna Chimney Premium is supplied in four parts. Slide the parts together and secure the joint with a binding ring. The grooves of the clamping ring and the chimney casing must be aligned before tightening. The narrower part of the clamping ring is installed in the "smoke direction" and the clamping screw of the clamping ring is tightened from the "right side of the chimney".



The CE marking sticker included in the package is attached near the bottom of the chimney or in the immediate vicinity of the chimney, which does not heat up too much when the fireplace is used. The installer will mark the inside diameter and safety distance of the chimney on the CE label and fill in the installation information form at the end of this guide. A second CE sticker is attached to the house documents; the installer also marks the inside diameter and safety distance of the chimney on this sticker. Before installation, please refer to section 4 "Points to note, warranty and technical information" at the end of this manual. The form "Installation data" at the end of this manual must be completed and kept as a condition for the validity of the guarantee.

### 2.1. Constitution

The foundation of the fireplace and the hearth must be immobile, horizontal and sufficiently stable. The fireplace must also be able to withstand the weight of the Jeremias - Saunan Piippu Premium and other stresses caused by load factors. The Jeremias Saunan Piippu Premium must always be installed vertically.

### 2.2. Chimney support and snow barrier

The Jeremias Sauna Chimney Premium is supported within the safety distances as follows. If the uninsulated connecting pipe is extended by an uninsulated extension pipe, the free unsupported height may not exceed 2 m. For normal room heights (less than 3 m), the necessary lateral support is provided by the intermediate floor cover plate and the water inlet of the roof through the water inlet of the roof.

If the free height of an insulated chimney without support exceeds 4 m, the chimney is supported to the structure, e.g. by wall supports or gables.

.However, gables or supports may not be installed in an uninsulated pipe. Above the roof, the Jeremias Sauna Chimney is

be supported by ridges if the chimney extends more than 3 m above the roof. If snow and ice can accumulate on the roof and put a strain on the chimney and the water outlet of the roof, the chimney must be protected by a snow barrier.

### 2.3. Chimney height and extension Note!

The useful length of the chimney is 2550 mm without the rain cap due to the restriction of the joints. The extension of an insulated chimney section always reduces the useful length by 60 mm. According to the Ministry of the Environment, the extensions of chimney sections must not hit the upper floor or the roof structure. Also, the tightening of the binding ring inside the structure is not possible.

The insulated section must also come at least 400mm below the ceiling above the heater in the sauna. These requirements can be achieved by shortening or extending the connecting pipe, so that the junction point of the insulated elements and the binder ring is below the roof of the sauna, as well as a sufficiently insulated chimney section above the stove. It is also possible to purchase additional insulated extensions with a length of 1.0m (useful length 940mm) or 0.5m (useful length 440mm). Taking into account the roof structure, the chimney connection points must not hit inside the structure at the point of any suspended ceiling or water roof.

The following dimensions may be used as a guideline starting point from the ceiling downwards:

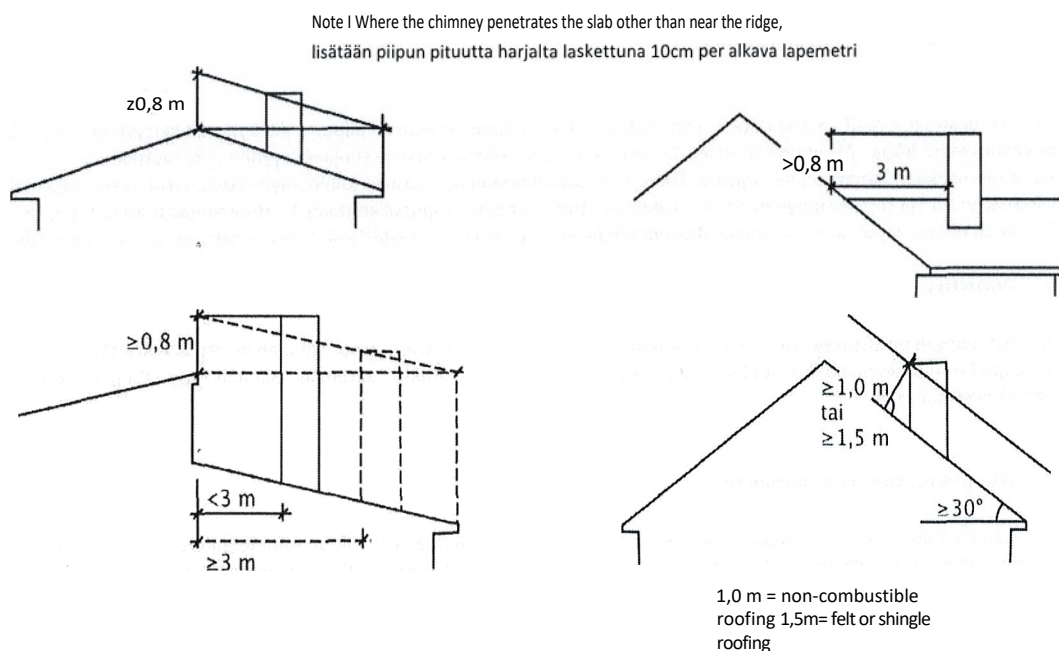
- The insulated section must come 400 mm below the roof of the sauna.
- In the case of both a suspended ceiling and a suspended roof, the distance between the suspended roof and the upper floor must be checked so that the joint of Jeremias - Saunan Piippu Premium does not coincide with the suspended roof.

Shortening or extending the chimney if necessary:

- If it is necessary to shorten an uninsulated connecting pipe by cutting it, this must be done in such a way that the point to be cut is at right angles to the length of the pipe.
- The uninsulated connecting pipe may also be extended, if necessary, with an extension pipe.
- The insulated section can be extended with Jeremias Sauna Chimney Premium extensions (500 and 1000 mm)
- Installation always with the insulated inner pipe "female side" facing up and the parts fixed together by means of a clamping ring
- The maximum permissible height of the insulated section is 17 m. Remember to support above the roof if necessary.

#### Ministry of the Environment guidelines

It is appropriate to place the chimney close to the roof ridge. The minimum distance between the chimney head and the roof ridge, measured at the root of the chimney, shall be at least 0,8 m. At normal roof pitches, the height of a chimney on a hip shall be increased by 0,1 m for each lap metre from the ridge. If the waterproofing is a non-Broof (t2) class roof, the distance to the roof shall be at least 1,5 m. When designing the height of the chimney, account shall be taken of combustible structures and openings and elevations in roof structures less than 8 m away.



Height dimensioning drawing according to the Ministry of Environment guidelines.

## 2.4. Connecting pipe and its protective distance

The standard uninsulated connecting pipe of the horn is used when the chimney does not exit from the appliance with insulation. The connecting pipe has a diameter of 115 mm and fits directly into the 115 mm flue openings of fireplaces or with the fireplace's own connecting pipe/adaptor. Connecting pipes can be shortened by cutting and lengthened by using extension pipes (see section '2.5. Uninsulated extension pipe'). When using an uninsulated connecting pipe, a minimum safety distance of 400mm, recommended 500mm, must be taken into account. When using a smoke shield, it must be placed between the uninsulated connecting pipe and the insulated section.

## 2.5. Uninsulated extension pipe

An extension pipe is used to extend the length of an uninsulated connecting pipe when more than 1000 mm of uninsulated section is required. mm. The total length of the connecting pipe and extension pipe shall never exceed 2000 mm.

The length of the uninsulated pipe can be changed by cutting off the required length of the extension pipe. The cut-off must be made in such a way that the end of the pipe is at right angles to the length of the pipe.

The same protective provisions apply to extension pipes as to connecting pipes, see section 2.4.

## 2.6. Smoke detector

From 1.1.2018, a smoke hood is a mandatory fitting on chimneys in Finland according to the Ministry of the Environment Decree 745/2017. It is located between the uninsulated connecting pipe and the insulated part.

## 2.7. Sauna chimney, insulated part

The insulated section of the chimney is 1550 mm and is always delivered in four parts: a starter piece, a 1m extension piece, a 0.5m extension piece and an end piece. The sections are joined together and locked by means of a binding ring. See the illustration in section 2 for the direction of installation of the binding ring.

## 2.8. Grommet support / Ceiling cover plate

Used in penetrations to support and clean up the hole. To be fixed to the ceiling with screws or suitable hardware.

The penetration support/ceiling flashing consists of two identical parts which are pushed against the chimney. If necessary, on a sloping roof, the support can be adjusted by cutting with tin snips. In log buildings, the compression of the building must be taken into account.

## 2.9. Additional insulation of penetrations

Additional penetration insulation (penetration cylinder) is used as fire protection in the penetration of roofs of combustible material in combination with penetration support/roof covering plate. The height of the additional penetration insulation is 500mm (insulation height 200mm). The thickness of the additional insulation is the outer diameter of the chimney 215mm plus 100mm of additional insulation for a total of 415mm. The edge of the additional insulation must extend 100mm above the insulation of the intermediate roof. May be used if the roof insulation thickness is less than 400mm, otherwise the insulation edge sheet must be raised by at least 100mm above the top floor insulation. The chimney shall be supported where necessary. The edge cable of the additional insulation can be fixed/closed, for example with iron wire or similar fixing material. There must be an adequate ventilation gap (min 50 mm) above the top edge of the additional insulation of the penetrations.

ATTENTION! In solutions with thick top or intermediate floor insulation of 400 -700 mm, the tested and approved Jeremias Supplementary Insulation Plus or Supplementary Insulation ECO+ can be used. This replaces the supplied additional insulation for the eaves vent.

In a sloping upper floor, the additional penetration insulation is cut according to the slope of the roof. In this case, care must be taken to ensure that there is insulation around the chimney at a height of 200 mm from the chimney. Insulation pieces cut off according to the slope can be used here.

## 2.10. Roof drainage / rain collar

The rain collar is suitable for felt and tin roofs with a pitch of less than 5° and up to 30° and, where appropriate, for "quarter" and tiled roofs, provided that their profiles do not prevent the aluminium sheeting of the rain collar from adapting well and the adhesive from adhering well and being waterproof. The size of the aluminium sheet is 850mm x 720mm.

For tin roofs, the use of an additional flashing between the chimney and the ridge is also recommended. The flashing should be extended from the ridge to the rear edge of the rain gutter, using the required number of extension flashing as mentioned above. The additional baffle shall be installed at least 50 mm

over the trailing edge of the rain gutter, ensuring watertightness with a generous amount of putty/sealant above and below the joint. Additional extension panels



can be commissioned from the cladding trade. If the roof penetrations overlap the seam of the membrane roof, the additional flashing must be installed by a cladding contractor.

The rain collar is glued to the roof (e.g. Wurth or Sikaflex glue/sealant or similar products). Before the rain collar can be glued in place, the roof must be completely dry. It is not enough, for example, that the surface feels dry, it must also be dry on the inside. During installation, the adhesive manufacturer's instructions must also be observed with regard to temperatures.

Steps for installing a rain screen:

1. Open the chimney hole in the rubber collar to fit the diameter of the chimney as follows:
  - + Make a knife cut in the front of the crack plug at the right point on the outside diameter of the barrel.
  - Pull out or cut off a part of the tear-off nozzle smaller than the desired opening
  - Pull the rubber collar gently over the barrel casing, stretching it.
2. Check that the rain collar fits flush with the roof according to its slope. On a tiled roof, shape the part to be glued to the waterproof roof by pressing it to fit the profile of the tile and install the upper part under the upper tile by at least 50 mm and over the lower tile by at least the same amount.
3. However, check that the rain collar does not go over the edge of the lower brick, cut to length if necessary.
4. Glue the part of the rain collar against the waterproofing to the roof with adhesive/sealing compound.
5. Seal the upper end of the rubber collar to the barrel sheathing with a clamp and lock (included in the package). Do not tighten the l'erninar too tightly and be aware of possible settling of the building.

### 3. Use and care of the chimney

#### 3.1. Chimney sweeping

Make sure that the chimney is regularly cleaned. All fireplaces and chimneys in a permanent dwelling and fireplaces and chimneys in a leisure dwelling for regular use other than for your own private use and its sauna must be flued every year. The fireplaces and flues of a leisure dwelling and its sauna shall be flued every three years. Failure to do so may affect the insurance company's compensation in the event of damage. Visually inspect the chimney at least twice a year. The materials burned in the fireplace and the way they are burned have the greatest influence on the life of the chimney.

#### 3.2. Chimney care

Good chimney maintenance includes checking the condition of the chimney often enough and, if necessary, with the help of a chimney sweep. If the chimney has not been used for a long period of time, check the condition of the chimney and that there are no blockages in the flue (e.g. bird nests, etc.) before using the fireplace.

**The Jeremias Sauna Pipe Premium is scrubbed with a brush made of stainless steel, acid-resistant or nylon.**

### 4. Points to note, warranty and technical specifications

#### 4.1. Things to know

The Jeremias -Sauna Chimney Premium is designed for use only as a flue gas flue in accordance with the regulations for various types of fireplaces. Flue gases that deviate from the regulations (e.g. steam, harmful substances) may damage the Jeremias Sauna Pipe.

In order to prevent damage to the flue, no plastics, and in general no substances containing plastics, may be burnt in the fireplace (possibility of formation of hydrochloric acid, for example). Glued pieces must not be burnt in the fireplace, as various types of glue may contain plastics or other harmful substances.

Always ensure that the hearth and its accessories are in such a condition that the combustion gases are as clean as possible. Jeremias - The condition of the Premium Sauna Chimney should be checked frequently enough, e.g. twice a year.

In addition to these guidelines and official regulations, the instructions of the fireplace manufacturer must also be taken into account, as well as the limits set by the fireplace capacity for different chimney types. It is also required that the flue gas outlet temperature does not exceed 600 °C when the fireplace is in use. The flue gas temperatures of sauna stoves can be even higher. The chimney is intended for vertical installation.

In exceptional wind conditions, such as in the outer archipelago, horizontal rain may partially enter the chimney. Jeremiah has a product called Windproof Rain Hat for installation in particularly windy conditions. After such conditions, check that there is no water inside the fireplace before lighting. If necessary, dry the fireplace by holding the hatch and ash pan auki until the fireplace is dry.

The matters set out in this instruction are valid only for parts manufactured by Jeremias. Jeremias Finland Oy is not responsible for cases where parts from other manufacturers have been incorporated into chimney systems supplied by us.

If there is any doubt about any of the above, please check with the municipal building inspector, fire inspector, vendor or manufacturer.

**In the case of a soot fire, and even if the soot fire has already been extinguished, the regional alarm centre must always be informed, in accordance with the regulations of the authorities.**

Jeremias - The Premium Sauna Chimney must be inspected after a soot fire because of the high temperature in it. A local chimney sweep may well be able to do the check.

Warning.

#### 4.2. Warranty

Jeremias products are of high quality and reliability. Jeremias Finland Oy grants Jeremias Sauna Pipe a 10-year factory warranty against manufacturing defects.

The warranty does not cover any damage that may be caused by incorrect use of the chimney or use contrary to the instructions, see chapter 3.

#### 4.3. Technical data

Jeremias - Sauna Chimney Premium is suitable for both dry (D, wood and pellet fired) and wet (W, gas and light oil fired) flue gases from fireplaces and boilers.

LS0050 Material type and thickness: 0,5 mm acid-resistant stainless steel G Soot fire class: Jeremias


- Sauna chimney is soot fire resistant.

Safety distance to combustible structures: 100 mm. Fire resistance: 100

%, 100 %, 100 %, 100 %, 100 %: [www.jeremias.fi/tuotteet/dop](http://www.jeremias.fi/tuotteet/dop)

Jeremias Finland Oy  
Islanninkatu 4  
Finnish company:  
Islamisemias, Finland  
11130 Riihimäki FINLAND  
Riihiemias, Riihiemias, Finland Tel. 050 439 6111  
e-mail: [info@jeremias.fi](mailto:info@jeremias.fi) [www.jeremias.fi](http://www.jeremias.fi)

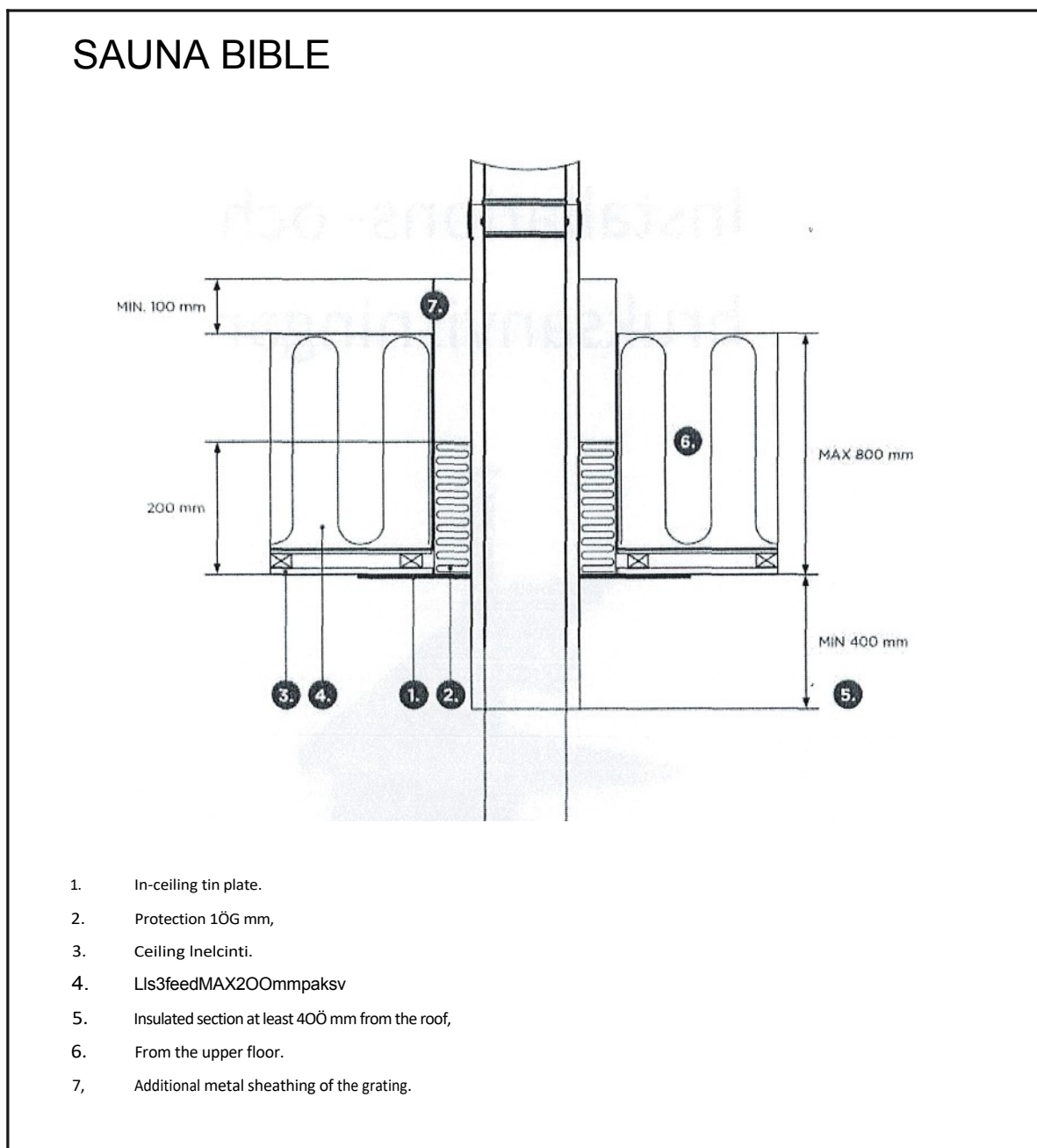
## 4.4. CE certificate

 0036 CPD 9174095	
Jeremias GmbH Opfenrieder Strasse, DE-91717 Wassertrudingen  Certification no: 0036 CPD 9174 095	
EN 1856-1 Metal system chimney T600 - N1 - D - V3 - L50050 - G100  Compressive strength Maximum load: 17 m chimney elements  Flow resistance: mean value of unevenness 1,0mm DIN EN 13384-1 Thermal insulation: * 0,601 m "K/W Soot fire resistant: Yes  Flexural strength Tensile strength: max. 5,0 m Non-vertical installations: max. distance between supports 3m at 90° angle.  Wind load: Free height without support 3.0 m. (Max. spacing of transverse supports: 4.0 m) Freeze-thaw resistance: Yes	

	Steel spire	EN 1856-1 - T600	N1 - D	V3-L50050	G100
Product description Product					
Standard number					
Temperature class (nominal flue gas temperature of the fireplace max. 600 °C) Lämpöluokka (nominen lämpötila savukaasulämpötila max. 600 °C)					
Pressure class (N1 : negative pressure chimney)					
Condensation resistance class (D: dry operating conditions, flue gas temperature above water dew point)					
Corrosion resistance class V3. Based on the classification of material L 50050 (stainless steel with an acid-base). Wall thickness min 0.5 mm.					
Soot fire resistance class (G: soot fire resistant) and distance to combustible materials (in millimetres) 100					

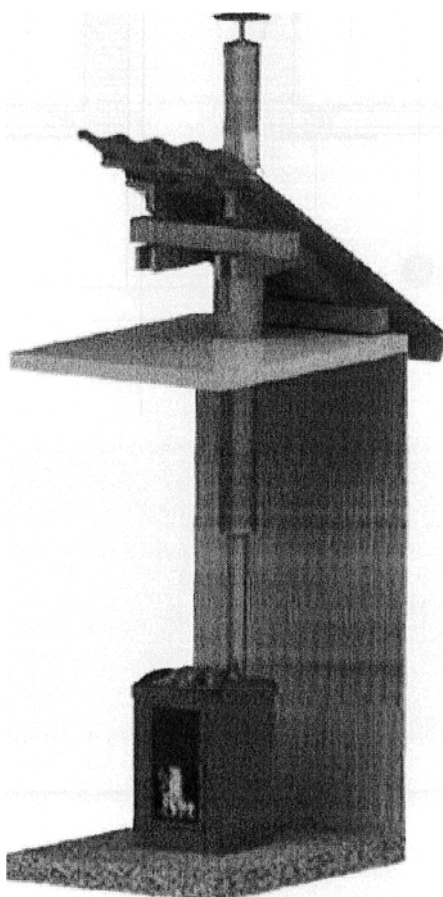
## 5. Illustrative principle picture of the smoke extraction system



# Jeremias Bastu Skorsten

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## Premium Installation and bruksanvisningar



**Jeremias**<sup>®</sup>  
CHIMNEY SYSTEMS

Thank you for choosing Jeremias.

Jeremias är en tysk Europas ledande och största rök- och skorstenstillverkare i mer än 40 års erfarenhet inom området. Vi garanterar att våra produkter är av god kvalitet och hållbarhet. The materials we use are the best in the industry and those that have been imported from all over the world, Jeremias supplies a wide range of scotch pipes, chimneys and stoves to large industrial and thermal power plants, as well as everything in between.

Vi rekommenderar att du utför installationen till professionella. Keep this assembly and installation manual in a safe place. After the installation of the scaffolding, the user must give the operating instructions to the owner, the operator or the person responsible for the use of the scaffolding. Read the instructions before installation and operation.

Jeremias Bastu Skorsten Premium is of the highest quality, safe and CE approved. CE marking, the manufacturer declares that the label indicated in the technical data has been checked and the product tested in accordance with the harmonised product standards EN 1856-1 and EN 1856-2. The product is unsuitable for use and its purpose must always be guaranteed.

Jeremias Bastu Skorsten Premium is a double-layer, insulated metal skorstenssystem, which should be used in the home and outdoors of solid fuels (hydrogen) eldstäder. The temperature rating of the Jeremiah's Bastion grate is T600 and it is considered that the grate is ideal for alia cookers, where the temperature of the raw gas does not exceed 600 °C. Excessive firing is prohibited.

Jeremias Bastu Skorstenen Premium is easy to install and is available as a bastu like the rest of the open span in the field. It is to be seen that the skorstenen is made of wood for the connection to the eldstaden. Jeremias, if necessary, to give the dimensions of the adapter outside the eldstaden and the skorstenen outside.

Jeremias Bastu Skorsten Premium assembly is in principle very simple. You can compile modules for you that fit your needs skorsten, up from the front of the front panel connection to the skorsten's rain cover. Jeremias Bastu Skorsten Premium can be used with additional extension tubes as needed. Components fit all around, and no special tools are needed for connection. Jeremias Bastu Skorsten Premium's inner tubes are made of cyrafast steel and the upper tubes are made of stainless steel and insulated with the mineral wool we use for fire. With the help of the modular cages, you can install a shed or a bastion in any building, if it is permitted by law, regulations and building regulations,

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form

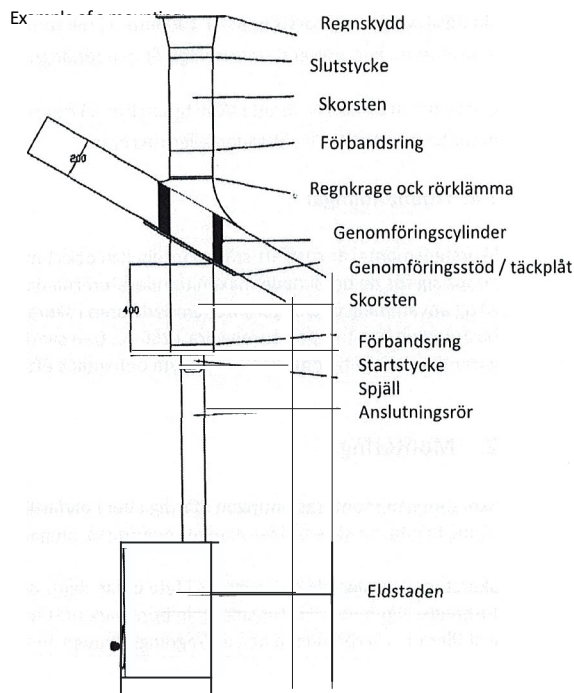
## 1. Before assembly

Check the delivery immediately on collection and immediately report any transport damage to the driver and write in the transport document.

### 1.1. Checking the delivery date

A standard delivery includes the following items as shown in the table below:

- a 1 m long flexible connecting tube, which can be shortened (the recommended minimum length is 0,2 m)
- the insulated part (1,5 m) is always supplied in two parts, which are connected to each other by means of a connecting ring
- end corner
- starting corner and connecting ring
- transport support/plate for the inner package suitable for 0° - 30° tightening
- rain collar (sealing between the water jacket and the skorsten) and rörlämma
- rain cover (attached to the top element and fastened)
- CE-marking (2 pcs.)
- assembly instructions
- spjäll (current equipment)
- extra insulation cylinder (max. insulation height is 400mm)
- the external diameter of the screen is 215 mm



Check that the mounting bracket corresponds to the following table. The user should immediately inform the supplier of any defects, faults or defective components. If the breakages or faults are due to the supplier, he shall deliver the new components to the workplace as soon as possible. The manufacturer and the supplier shall not be liable for any costs resulting from indirect damage, delay, work stoppage or loss of working time.

### 1.2. Facts and regulations to be taken into account before installation

Follow the Finska miljöministeriets dekret 74S/2017 om skorstenstrukturer och brandsäkerhet. According to the decree, the building planner, building planner and special planner must design the skorsten with its construction, its foundation or other substructure, support and verticality, renovation windows, and attached tubes and accessories in such a way that the required load, structural sustainability, integrity and life expectancy are achieved.

Also check the following:

- that the skorstenens assembly and building permits are in order
- that the length of the sash and the diameter of the inner tube correspond to the instructions of the sash fitting manufacturer or that you need to adapt the sash between the sash and the inner tube.
- check that there are no bars for intermediate bushings or tubes in the clearance before you make any adjustments
- ensure in good time by measuring that any lengthening does not accumulate at the intermediate cover or at the water jacket.



### 1.3. Protection distance

ABSI The use of this instruction may cause a risk of electric shock

Safety distances must be in accordance with the manufacturer's instructions. Parts of the building made of combustible material must be placed at a distance from the outside of the grille so that the temperature does not exceed +85 °C, but at a distance of at least 100 mm from the outside of the grille. Temperatures in the bastun may be higher.

Protection distance of the grates

The safety distance of the skorstenens is 100 mm. We recommend that you contact the fire inspector at the site for more detailed information. For non-tolerant connecting tubes and extension tubes the safety distance is at least 400 mm, the recommendation is 500 mm.

The outer part of the insulated skirting should be at least 400 mm below the inside of the box. The safety distance shall always be measured from a combustible material to the edge of the shelter or to the door frame.

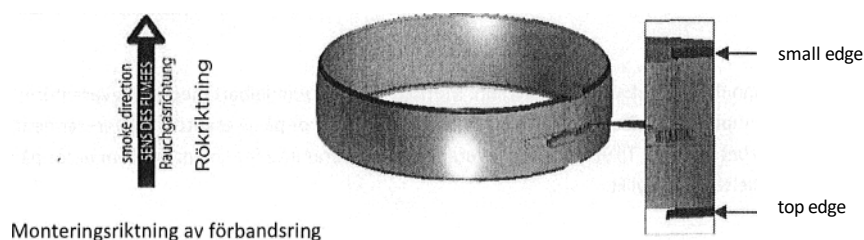
### 1.4. Ytbehandlingar

The skorsten jacket is made of stainless steel. The sheathing can also be painted on the mounting bracket. The insulation materials and sealings used should be suitable for the maximum temperatures calculated and should also withstand the stresses and strains of the ambient climate. In proper use, the temperature in the casing of the casing will not exceed +85 °C. In the bastion, the temperature will be very high, e.g. outside the bastion the temperature can be +250 °C. The sealed bastion is made of silicone coated stainless steel. The manufacturer's guarantee is not valid if the surface of the baskets is treated after delivery.

## 2. Mounting

The skorsten can be installed in either a solid or semi-solid building. It is best to carry out measurements with the water jacket in a solid fireplace. This will ensure that the connections are always in the right place.

The insulated part of the scorstener is supplied in five parts. Slide the parts into each other and fasten the teeth with a fastening ring. The flanges in the flange and the skirt must be in the middle of each other before they are tightened. The smaller edge of the flange is installed in the flange and the discharge screw of the flange is pushed through to the upper side of the skirt.



The CE mark accompanying the packaging shall be affixed near the bottom of the cage or in the cage in a convenient place and installers shall mark the diameter of the cage and the protection distance. The other mark shall be attached to the house document, if filled in with the above information. See point 4. Observations, guarantees, rules and regulations to be observed at the end of the instructions before installation. **The "Installation information"** form must also be filled in and maintained, as it is a prerequisite for the warranty period.

#### 2.1. Foundation

The stand and its foundation should be horizontal and sufficiently stable. The foundation should also be able to withstand the load of the skorstenens and other loads depending on the load factors. The scaffolding must always be mounted vertically.

#### 2.2. Support for skorsten and snöhinder

The scaffolding is supported within the protective frame as follows: the scaffolding is supported in front of the connecting rod and any extension rods in front of the front frame. If an insulated connecting tube is extended by an insulated extension tube, the height of the insulated extension tube must not exceed ten metres. 0.m it is a question of a normal room height (less than 3 m), the necessary support in the sidled at the points of connection between the secondary fitting and the water jacket is achieved with the aid of the connection support and the connection through the water jacket.

If the free height without support exceeds 3 metres, the scaffold shall be supported against the structures, e.g. by means of a stanchion or reinforcement barrier. However, the stiffeners or reinforcing bars must not be mounted in an opaque frame. Above the waterline, the ladder should be supported by a stanchion if the ladder is more than 3 m above the waterline. If there is a risk of snow and ice accumulating on the jacket and putting a strain on the skorstenen and the rain collar, it should be protected with a snow barrier.

### 2.3. Height and length of the grille

#### Observe!

Due to overlaps in ski stables, the effective length is 2550mm without a rain shelter. The insulated tube sections require an effective length of 60 mm. According to the Finnish Environment Ministry's regulation, the lengths of the scaleboards must not affect the construction of the inner lining and/or the water jacket. It is also not possible to fasten the conveyor ring inside the construction.

The insulated part of the bastion must also be at least 400mm below the fireplace above the bastion. These requirements can be met by replacing or lengthening the connection pipe. Then the brackets for the insulated elements are held in place by means of rings underneath the bastutaket and sufficiently with the insulated flange above the bastutugnen. It is also possible to purchase more insulated extension sections, which are 1.0m long (effective length 940mm) or 0.5m long (effective length 440mm). With regard to the jacket construction, the teeth of the scaffolding must not be allowed to remain in the construction in vacuum or in water vapour.

The following dimensions may be used as a reference point of exit under the inner jacket:

- the insulated part must be 400mm under the bastutaket
- with regard to both the inner and outer casing, the distance between the casing and the outer casing should be checked so that the teeth of the casing do not overlap the casing

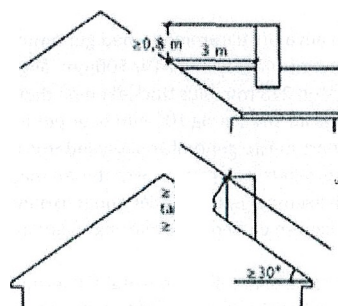
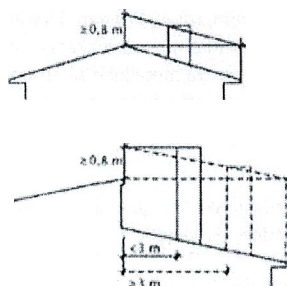
Shortening or lengthening of the scraper if necessary:

- If the uninsulated connecting tube has to be shortened by welding, it is important that the welding is angled against the longitudinal axis of the tube.
- The untightened connecting tube can also be extended with an extension tube.
- the insulated part can be extended by the length of the scaffolding (500 and 1000mm)
- the insulated part is always mounted with the "hondelen" upwards and locked by means of a retaining ring
- The maximum height of the insulated part is 17m. Note the support of the fireplace above if necessary.

#### Instructions from the Ministry of the Environment

Skorstenen är lämpligt att placera nära takåsen. The distance between the outer edge of the grating and the fireplace at the top of the roof shall be at least 0,8 m from the top of the grating. The length of the grating for normal running rigging shall be increased by 0,1 m for each metre of rigging from the roof. If the water insulator is a fireplace not included in the Broof (t2) class, the distance to the fireplace shall be at least 1,5 m. When planning the length of the grating, account shall be taken of structures made of combustible material and of openings and elevations of fireplace structures at a distance of less than 8 m.

Obs.! If the sash is used in a place other than the place where the sash cam is located, the length of the sash must be increased by 10 cm for each meter of sash length.



1,0m= brand-secured jacket  
1,5m= flush or spun jacket

Instructions of the Ministry of the Environment in Finland concerning the height of the ladder in relation to the highest point of the fireplace

## 2.4. Connecting tube and its safety distance

The standard fittings of the duct shall be used as long as the skorstenen is not isolated from the outlet. The connector has a diameter of 115 mm and fits directly on 11 mm fittings in the mains or with the aid of the mains' own connector/adaptor. The connecting tube can be shortened by welding and extended with an extension tube (see point 2.5.). When using a non-tolerant connecting cable, it must be ensured that its protective distance is at least 400 mm, the recommended distance is 500 mm. If the boom is to be welded, it is preferable that the boom is at right angles to the longitudinal axis of the boom. When using the spacer, it should be placed between an insulated and an outermost part.

## 2.5. Extension tube

An extension tube is used to extend an insulated connecting tube longer than 1000 mm. The total length of the connecting tube and extension tube shall never exceed 2000 mm.

The overall length may be changed by adjusting the required length of the extension tube. The adjustment shall be carried out strictly so that the frame is angled in relation to the longitudinal direction of the frame.

Only one extension tube may be used and the same protection provisions apply to it as to the connecting tube, see point 2.4.

## 2.6. Visit

The splash guard is a compulsory fitting in skorstenar since 1 January 2018 in Finland on the basis of the Ministry of the Environment Regulation 745/2017. Its place is between the insulated part and the outer fitting.

## 2.7. Skorsten, isolated part

The insulated part of the ladder is 1550mm length, which is always supplied in four parts: start piece, 1m extension piece, 0,5m extension piece and end piece. The sections are connected to each other by means of a strap ring. See figure 2. for the mounting pattern of the flange ring.

## 2.8. Conveyor support / cover plate for insertion

Used as a support during assembly and to attach to the housing. The rings are fixed in the jacket with screws or lämpligt lim.

The production aid / Takplåt för innertak består av två osia som skjuts mot skorstenen. If necessary, the support can be adjusted by clipping with a plåtsax on the snett tak. In dimmer buildings, one should take into account the sinking of the building.

## 2.9. Extra insulation of the power supply cylinders

The genomic cylinder is used together with the genomic support as a fire protection for fireplaces and fireplaces of combustible material. The genomic cylinder is 500mm long (insulation height 200mm). The sectional width of the genomic cylinder is 215 mm at the top of the frame plus 100 mm at the top of the additional insulation for a total of 415 mm. The edge metal plate of the cylinder shall extend 100 mm beyond the insulation of the inner package. May be used if the insulation thickness of the insert is less than 400 mm, otherwise the outer metal plate of the cylinder must be increased with an extra metal plate so that it extends at least 100 mm beyond the insert insulation. The skorstenen must be reinforced if necessary. The metal edge plate on the cylinder may be reinforced / supported with e.g. reed or other similar reinforcing material. There must be a sufficient ventilation gap (min. 50 mm) above the outer edge of the cylinder.

OBS! Solutions with a tight over- or sidewall insulation 400-700 mm can use approved Jeremias Genomföringscylinder Plus or Genomföringscylinder ECO+ products. This replaces the supply of Genomföringscylinder.

With a separate jacket, the insulation is clipped in accordance with the design of the jacket. In this case, it is important to be aware that the insulation around the sills has a height of 200 mm and is attached to the sills. This insulation can be used instead of clipping insulation.

## 2.10. Rain collar (seal between water jacket and skorsten)

A rainfast is suitable for filter and plated as well as for fibre cement and tegeltak with a slope between 5-30° if the profiles on these do not present an obstacle to the aluminium sealing and if the seal has good resistance to water. The sealant is not included in the delivery, the self-adhesive sealants approved for waterproofing must be used. The size of the aluminium plate is 850 mm x 720 mm.

In addition, we recommend using an extension plate behind the sash to the top of the fireplace (e.g. an extension plate 1250 mm x 800 mm made of stainless steel). The board should be moved from the fireplace to the top edge of the rain collar by using an appropriate number of the above-mentioned extension boards. The extension plates are mounted at least 50 mm above the top edge of the collar, which ensures a water seal with a lot of lime / sealing agent above and below the collar. The extension plates can be mounted by a plåtslageri If the water supply through the water jacket affects a machine, a plåtslageri should mount the extension plates.

The rain collar must be sealed tightly in the fireplace (e.g. Wurth or Sikaflex lime/concentrate or similar product). Before the seal between the water jacket and the skorstenen can be sealed, the fireplace must be completely closed. It is not enough, for example, that the wick is torrid, but it must be torrid from the inside. When installing, the instructions of the limtillverkaren should also be followed with regard to the temperatures.

#### Mounting instructions

1. Open the rubber collar's cage so that it fits the cage diameter as shown below:

- Cut a section with a knife at the front of the riveting flange in the upper diameter of the skirt at the correct position.
- Pull or remove a bit from the seal that is smaller than the desired opening
- Carefully pull the rain collar over the skorsten sleeve by stretching on it

2. Check that the rain collar connects to the clock level according to the clock's bore. On a quilt, shape the part of the quilt that is against the water jacket by pressing it to fit the profile of the quilt and fit it so that the outer part is at least 50 mm below the top quilt and at least 50 mm above the bottom quilt.

3. Check that the rain collar does not extend beyond the lower edge of the teglets, if necessary adjust to the appropriate length.

4. Smear the part of the rain collar that comes towards the water surface in the backing with lime/concentrate mass.

5. Apply the rubber overlap to the skorsten casing with a rubber clamp and lock (see package). Do not tighten the clamp and pay attention to the building's possible moisture absorption and squeezing.

### 3. Use and maintenance of the skorstenen

#### 3.1. Setting the skorstenen

Ensure that the skorstenen are regularly cleaned. All eldstäder and skorstenar in a permanent hostel and eldstäder and skorstenar in a fritidshus for regular use other than for private use and their bastu must be cleaned every year. Eldstaden and skorstenarna in stugan and its bastu must be inspected every three years. The accumulation of loss may affect the insurance company's returns in the event of an accident. Visually check the skorstenen at least two times a year. The lifetime of the cords is mainly influenced by the material that burns in the cords and the burning point.

#### 3.2. Maintenance of the skorstenen

Good maintenance of the skis includes checking the skis frequently enough, and with the help of a warden if necessary. If the skorstenen has been left unused for a longer period of time, you should make sure that it is in good condition and that the duct is not clogged (e.g. electric seal) before using the skorstenen.

When cleaning a brush, use a bristle made of stainless steel or high tensile steel or a nylon bristle.

### 4. Safety, warranty, technical data and CE certificate

#### 4.1. Facts to note

The filter is intended to be used only in accordance with the regulations specified for the various types of filters, such as exhaust ducts for approved exhaust gases. Explosives (e.g. heat, damaging gases) which deviate from the regulations may damage the skorsten.

It is forbidden to burn plastic and in general products containing plastic or other hazardous materials (e.g. salt spray) to prevent damage to the ductwork. Some types of limes may also contain plastics and other harmful substances, but loose sticks must not be burnt in the drain.

Always make sure that the firebox with the auxiliary equipment is in such a condition that the fire gases are as clean as possible. The condition of the fireplace should be checked frequently, e.g. twice a year.

In addition to these instructions and the administrative provisions, the instructions of the manufacturer of the housing should also be taken into account, as should the restrictions imposed by the effects of housing on different types of housing. Furthermore, it is required that the temperature of the exhaust gases does not exceed 600 °C when using the burner. The exhaust gas temperatures for the baskets can sometimes be as high as this.

The cooker hood is designed for vertical installation.

In exceptional wind conditions, such as in the upper Skärgården, horizontal rain can sometimes fall in the skorstenen. Jeremias has a product with a windproof rain cover for installation under particularly blinding conditions. Always check that there is no water in the outlet before changing the unit after such conditions. If necessary, close the valve by keeping the cover and the ash trap open.

The information given in these instructions applies only to components supplied by Jeremias. Jeremias Finland Oy is not responsible for components from other manufacturers that have been connected to the system we have supplied.

In any case, the municipal building inspector, fire inspector, seller or supplier should be contacted.

**In accordance with official regulations, the fire, including accidental fires, must always be reported to the fire alarm centre/local alarm centre.**

The skorstenen must be checked after a fire due to the high temperature. A local sotaren can check the skorstenen.

**Warning: Failure to comply with these instructions and the regulations of the authorities may damage the flue and cause electric shock, etc. farosituationer.**

#### 4.2. Warranty

Jeremias products are high quality and reliable. Jeremias Finland Oy gives Jeremias Bastu Skorsten a 10-year factory guarantee against manufacturing defects.

The guarantee does not cover damage caused by incorrect use of the skorstenen or use contrary to the instructions, see section 3. The purpose of the guarantee is to fill in and submit an installation information form.

#### 4.3. Technical data

D/W application classes: Jeremias - Bastu Skorsten is approved for use with both torrefied (D, water and pellet) and fatty (W, gas and oil) fuels from stoves and pans.


L50050 Material type and material thickness: Syrafast steel 0,5 mm.

G Sotbrandclass: Jeremias - Bastu Skorsten är resistent mot sotbrand. The safety distance to combustible constructions is 100 mm.

Price declaration / DOP: [www.jeremias.fi/lataukset/suoritustasoilmoitukset](http://www.jeremias.fi/lataukset/suoritustasoilmoitukset)

Importör:  
Jeremias Finland Oy  
Islanninkatu 4  
FI-11130 Riihimäki  
FINLAND  
Telephone +358 50 439 6111  
E-mail: [info@jeremias.fi](mailto:info@jeremias.fi)  
[www.jeremias.fi](http://www.jeremias.fi)

## 4.4. CE certificates

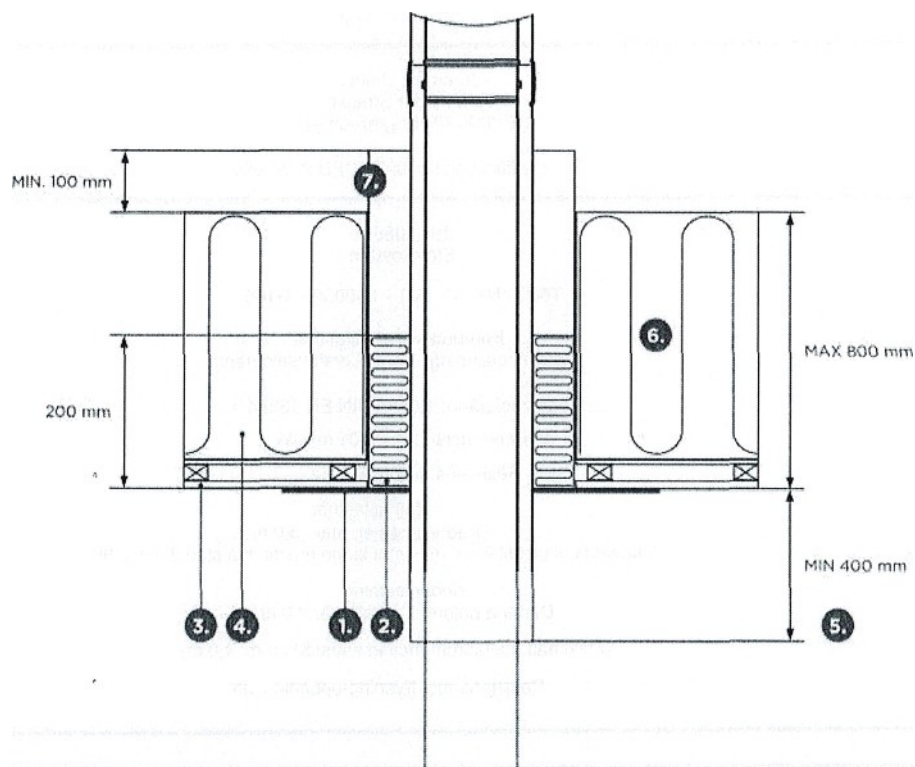
 0036 CPD 9174095	
Jeremias GmbH Opfenrieder Strasse, DE-91717 Wassertrüdingen  Certification no: 0036 CPD 9174 095	
EN 1856-1 Stålskorsten  T600 - N1 - D - V3 - L50050 - G100  Compression hållfasthet Maximum load: 17 m skorstenselement  Flödesmotstånd: 1,0mm DIN EN 13384-1 Noise emotstånd: a 0,601 m*K/W  Resistance against soteld: Yes  Böjhållfasthet Draghållfasthet: max. 5,0 m Corner-vertical installation: maximum length between two supports 3 m at 90°  Wind load: The clear height without support is 3,0 m (maximum clearance between supports in the room: 4,0 m).  Resistance to frysning - upgrading : Yes	

	Stålskorsten	EN 1856-1 - T600 - N1 - D - V3-L50050 - G100
Produktbeskrivning		
Produktstandardnummer		
Temperature class (close to the nominal temperature and the average temperature class (N1 : cork with undertryck)  Condensate resistance class (D: normal conditions of use, exhaust gas temperature above water temperature)  Corrosion resistance class V3, based on material classification L50050 (made of cyrafast steel). Outside diameter min 0,5 mm.  Resistance class for soteld (G: soteldsresistent) and distance to combustible material (in millimetres) 100		

## 5. Basic instructions for use

## BASTUS BOX



1. Skyddsplåt i ländrat. Skyddsvstånd
2. på 100 mm. tnnertakøponel8r,
5. Mtra "ts;eleilns, max 20Ö rum tiöck Isölsrade
- 4: de(en: minst '400 mm från rakdt. Yttertakets
- s. isolation.
6. Metal jacket for extra insulation.
- 7..

v 3.2

## JEREMIAS BASTU SKORSTEN Premium - Installation information Ägare

### information

Name \_\_\_\_\_

Address \_\_\_\_\_

Postal number / commune \_\_\_\_\_

Phone \_\_\_\_\_

Skorsten säljare \_\_\_\_\_

### Installation address

Address \_\_\_\_\_

Postal number / commune \_\_\_\_\_

### Installer's contact information

Company \_\_\_\_\_

Installer's name \_\_\_\_\_

Installer's address \_\_\_\_\_

Postal number / commune \_\_\_\_\_

Phone \_\_\_\_\_

### Skorstenen och eldstaden information:

Date of installation \_\_\_\_\_

Skorstenens length \_\_\_\_\_

CE marking place \_\_\_\_\_

Skorsten ansluten till eldstaden name and model. \_\_\_\_\_

Nominal discharge gas temperature in accordance with the manufacturer \_\_\_\_\_

Installer's signature and assurance of installation  
in accordance with the installation instructions \_\_\_\_\_

We recommend that the installation instructions and the owner information form are attached to the documentation.



## JEREMIAS SAUNA BATHROOM Premium - Installation information

### Owner information

Name \_\_\_\_\_

Address \_\_\_\_\_

Postal code / Postal town \_\_\_\_\_

Telephone number \_\_\_\_\_

Seller of the chimney \_\_\_\_\_

### Address of the installation site

Address \_\_\_\_\_

Postcode/post office \_\_\_\_\_

### Contact details of the installer

Company \_\_\_\_\_

Name of installer \_\_\_\_\_

Installer's address \_\_\_\_\_

Postal code/postal town \_\_\_\_\_

Telephone number \_\_\_\_\_

### Chimney and fireplace details:

Date of installation \_\_\_\_\_

Chimney length \_\_\_\_\_

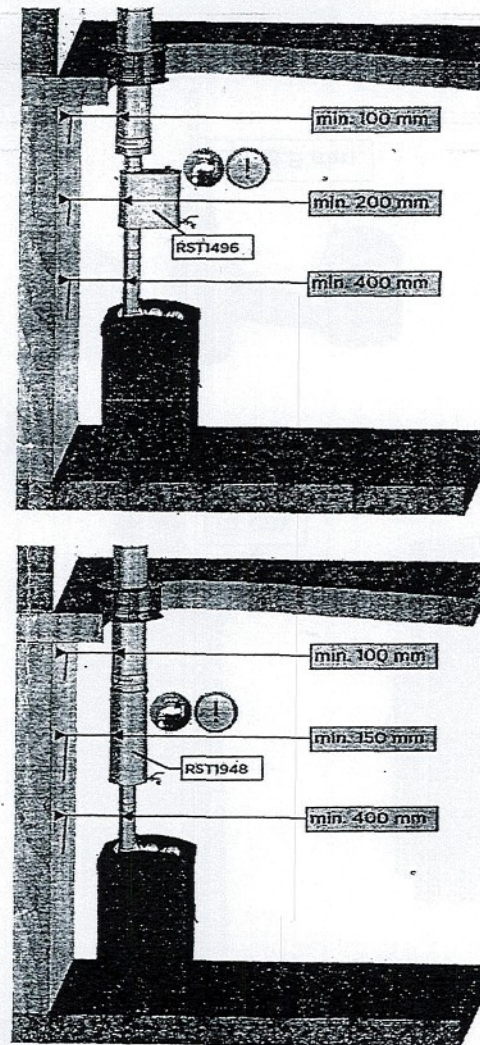
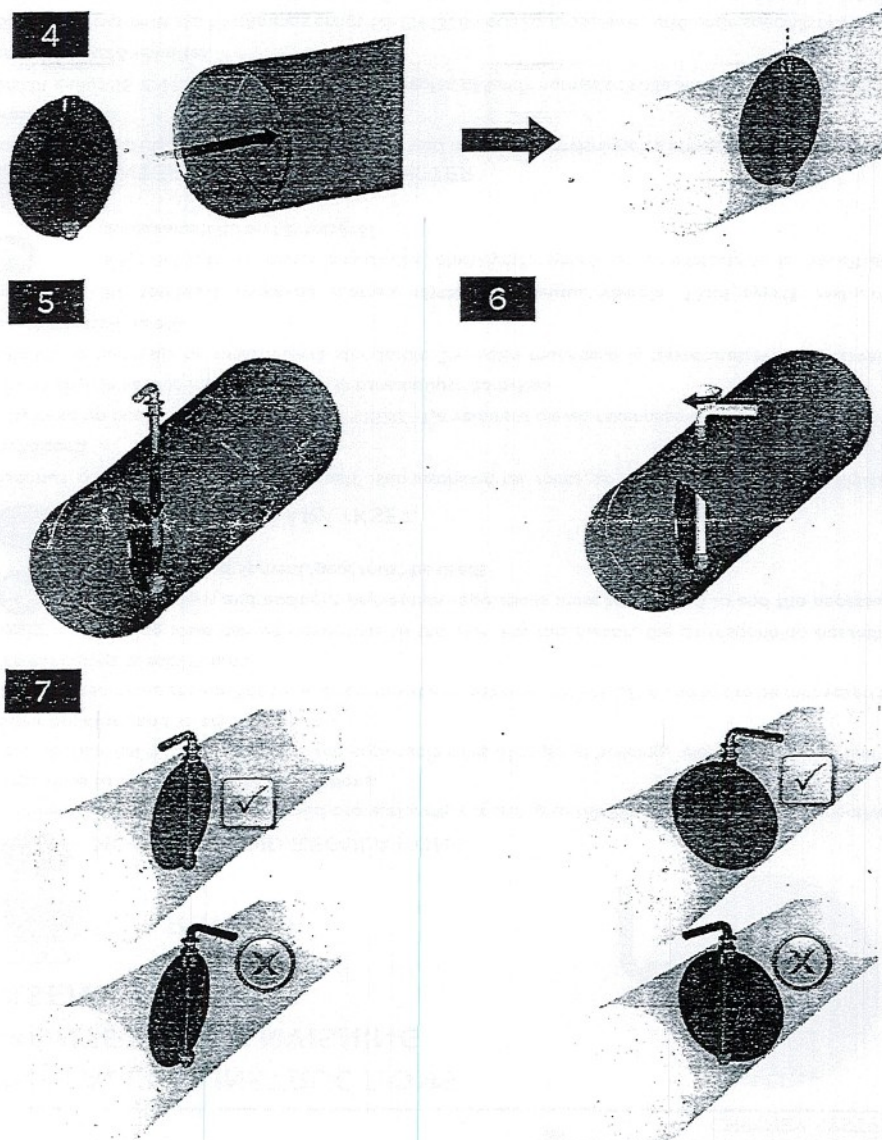
Date and date of the CE mark \_\_\_\_\_

Name and model of the fireplace connected to the chimney \_\_\_\_\_

Flue gas temperature rating according to the manufacturer of the fireplace \_\_\_\_\_

Installer's signature and declaration  
of installation in accordance with the installation instructions \_\_\_\_\_

We recommend that the installation instructions and the owner information form are attached to the house documents.

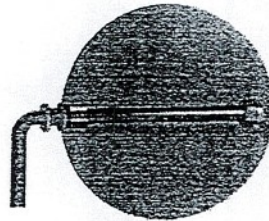




## INSTALLING INSTRUCTIONS /IONTERINGS ANVISNING INSTALLATION INSTRUCTION



RST2619



### GB MOUNTING AND REGULATIONS

The installation has to be performed professionally according to the instalins instructions respectively

according to the valid national regulations.

In particular EN 15287-1, as well as the applicable rules of regional building, relevant standards and all The

other building- and safety regulations.

required cross section has to be determined according to DIN EN J3384 and has to be rechecked by

the executing specialist firm.

**Note:** Using tools can be dangerous to the user. For this reason, the corresponding operating instructions and accident prevention regulations must be adhered to and the necessary protective equipment/gear must be used!



### FI INSTALLATION AND EQUIPMENT

Asennus on suoritettava asiantuntevasti asennusohjeen tai voimassa olevien kansallisten määräysten mukaisesti. EN 15287-1 and the relevant building regulations in force must be complied with.

standardeja ja kaikkia muita rakennus- ja turvallisuusmääräyksiä.

Vaadittava halkaisija on määritettävä standardin EN 13384 mukaisesti ja tarkastutettava suoritavalla asiantuntijayrityksellä.

**Huomio:** Käytettäessä työkaluja saattaa käyttäjälle aiheutua vaaroja. Tästä syystä vastaavia käyttöohjeita ja onnettomuuksien ehkäisymääräyksiä on noudatettava ja vaadittuja suojavarusteita on käytettävä!



### SV I-IONTERING OCH FORESKRIFTER

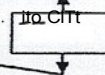
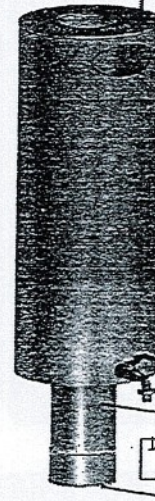
Monteringen ska utföras fackmässigt i enlighet med monteringsanvisningen samt de gällande nationella standarderna SS-EN J5287-J och gällande byggregler, gällande normer och alla andra lagstadgade bygg-

The required standard shall be determined in accordance with SS-EN 13584 and checked by an independent specialist representative. All tools used may be dangerous for the user. For this reason, the relevant instructions for use and regulations for the prevention of accidents must be followed and appropriate protective equipment/equipment must be used!

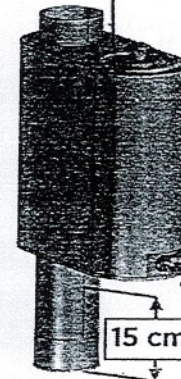
**OBS:**



RST1948



RST1496

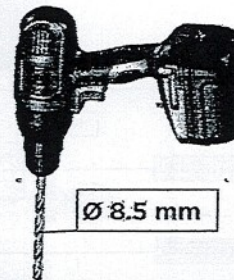


15 cm

RST1401 / RST1403



15 cm



Ø 8.5 mm

