



Lindab Coverline™

# Lindab SRP 25 Assembly instructions

# Preparations

## **Before you start**

Read through the entire assembly instruction before commencing installation in order to determine which parts need to be performed on your roof and in what order these should be done. Lindab SRP should be fitted to a sealed ceiling and can be mounted directly on a flat surface or lathed roof.

The fastening instructions are valid for buildings with a total height of max. 16 metres and which are not located along beaches, exposed mountains or distinctly open landscapes. For free roof surfaces, installation is very simple. If the ceiling has many obstacles or dormers, this demands more of the person performing the work.

Lindab is a complete supplier of roofing systems and roofing products, and in addition to the roofing sheet, can also provide you with roof drainage, through connections, walkways, snow fences and roof ladders.

## **Receipt of goods**

Start by checking that the delivery is complete according to the order and that everything listed on the consignment note has also been delivered. Then carry out a review of the products and ensure that nothing was damaged during transportation. If you discover damage that has occurred during delivery, this must be notified immediately.

Lindab is not responsible for costs associated with the replacement of products that have been installed in any way other than shown in these assembly instructions.

## **Unloading of goods**

Before lifting the roofing sheets, wooden blocks should be placed on the ground at one-metre intervals unless the goods have been delivered in Lindab's original packaging. The sheets may be stored outdoors provided that they are fitted within one month. Otherwise, they should be stored protected from rain beneath a roof.

## **Safe operation**

Beware of sharp edges on the sheets. Always wear gloves and protective clothing. Use a safety line and shoes with soft soles when working on the roof. All existing safety regulations must be observed when working with Lindab SRP.

## **Roofing underlay**

Check that the underlay is in good condition before you begin installing your new roof. The roof profile must be fitted to a sealed surface and the roof angle must be greater than 12 °. If the profile is placed on battens, these must have a width of 50 mm and the distance between them must be no greater than 300 mm.

## **Chimney and through connections**

Fittings around the chimney should be done by a tinsmith to ensure a tight and neat installation.

## **Through connections**

Lindab has ready products for making different types of through connections on the surface of the roof. Ensure that these end up in free metal panels and are not "broken" by any seams if possible.

## **Roof maintenance**

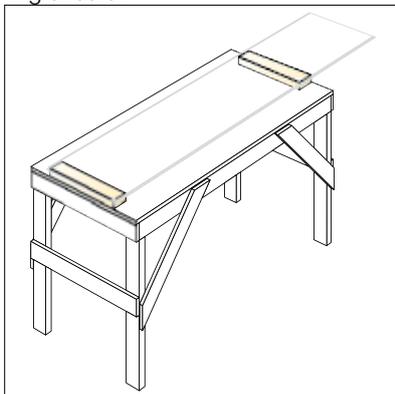
For the most part, the roof is kept clean and free from dirt by the rain. Leaves and twigs can become lodged in angles and these should be cleared annually. If the roof needs to be washed, this is best done using a soft brush and warm water. Pressure washers may be used provided that the pressure setting is not too high.

Any damage that pierces the outer surface should be immediately painted using touch-up paint on the damaged area.

# Preparations

## Workplace layout

A workbench like the one pictured simplifies the process of cutting and other machining of sheet metal components. A beam (45x95) measuring 495 mm is fixed to one end of the workbench. This is used for laying the sheets on when working with folds etc. Be sure to have plenty of room alongside the workbench for long roofing sheets.



## Fitting and cutting

If the sheets must be cut, it is recommended that shears or a circular saw is used with a blade intended for thin sheet metal. Never use an angle grinder since the sheet then has a large cut surface and chips are formed that can become trapped in the outer coating and corrode. In the enclosed instructions, shears have been used for cutting. Remember to use both left and right shears in order to achieve the best result.

## Mounting

It is important to use the correct fasteners for all sheet metal constructions. When using fasteners from Lindab, you can be sure that they are intended for the purpose and are safe to use. For Lindab SRP, three different screws are used.

For the Lindab SRP, three different screws are used. Screw D14K is used for fastening fittings to steel, e.g. in overlaps. Screw A13K is used for fastening fittings to a wooden frame.



Screw V153 is used for fastening along the left seam of the roof underlay and for the roof folding board.

The screws are placed centrally in the elongated holes. The screw is placed cc 300 along the roof's edges and cc 600 elsewhere. The edge of the roof is calculated 1.5 metres into the roof from the edge.

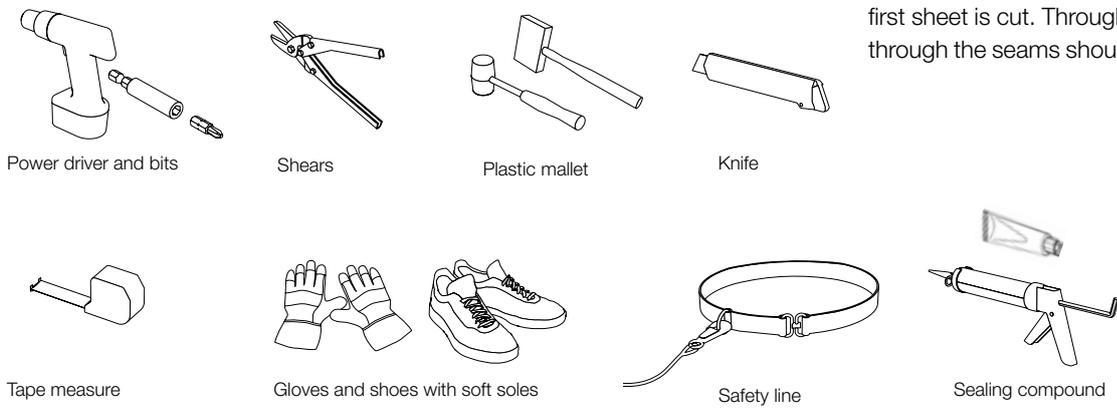
## Installation drawing

Always begin installation from the roof's right edge. For aesthetic purposes, an assessment should be made as to whether the first sheet needs to be cut to equal the width of the last sheet.

Alternatively, the position of through connections may determine how the first sheet is cut. Through connections through the seams should be avoided.

## Tools

To install the roof, the following tools are required.



Tape measure

Gloves and shoes with soft soles

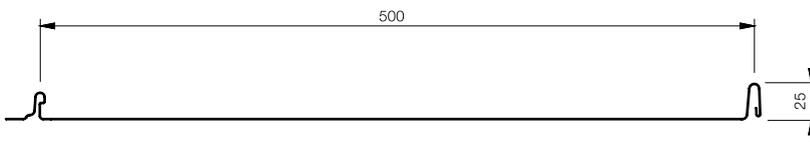
Safety line

Sealing compound

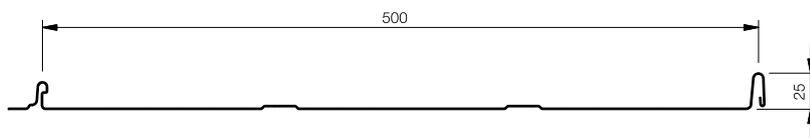
# Technical information

## Components

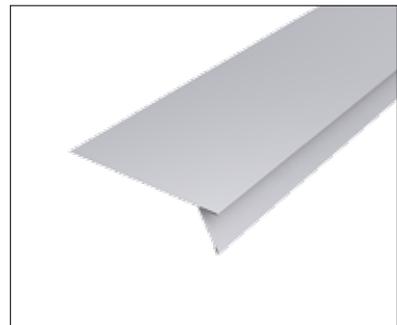
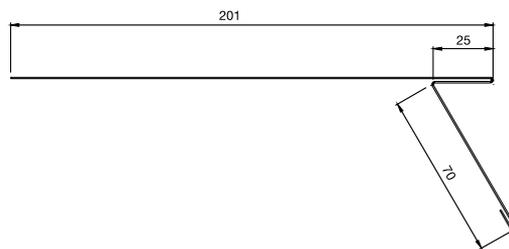
### SRP25 Seam roof profile



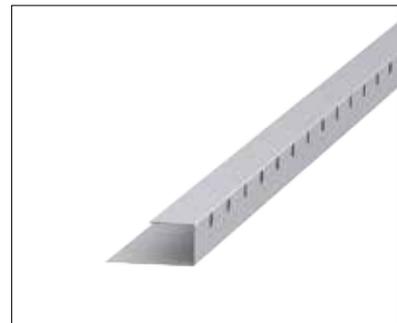
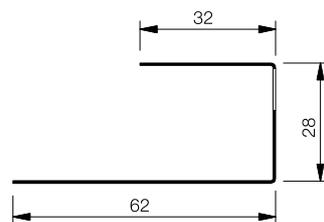
### SRP25D Seam roof profile - Design



### FSRP Folding board



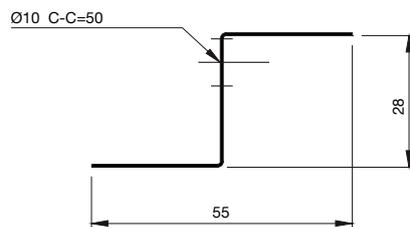
### C1SRP25 Fastening device



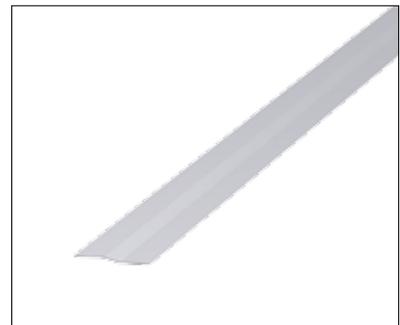
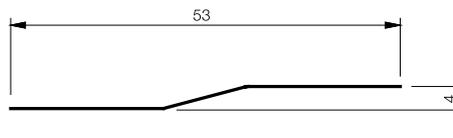
# Technical information

## Components

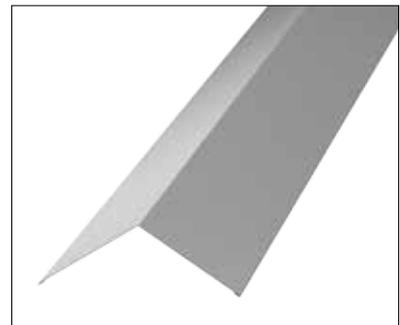
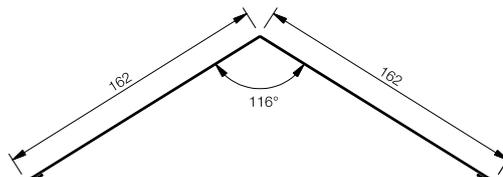
### C1MSRP25 Fastening device mansard roof



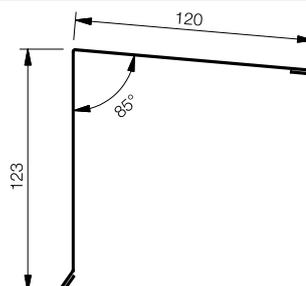
### C2SRP Fastening device



### NP170 Ridge cap



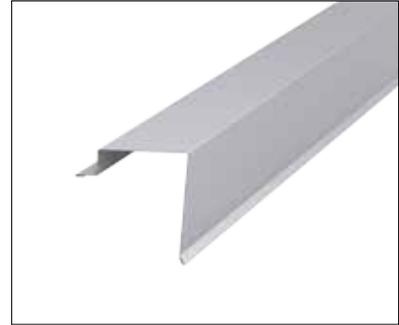
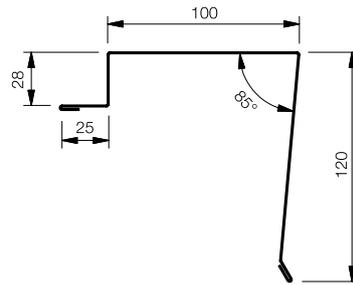
### NPSRP Ridge cap pentridge



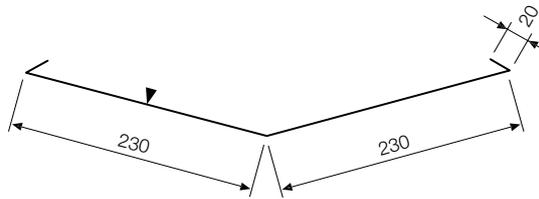
# Technical information

## Components

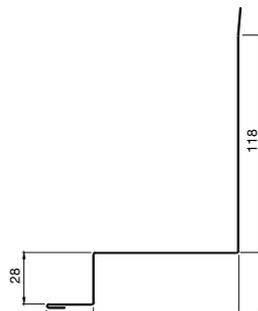
### VISRP25 Vindskivebeslag



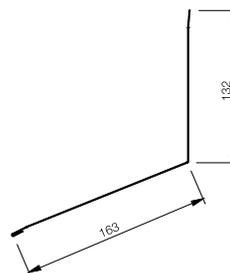
### RD Valley gutter



### SLSRP25 Apron flashing longitudinal roof slope



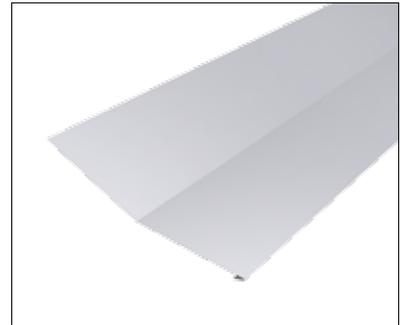
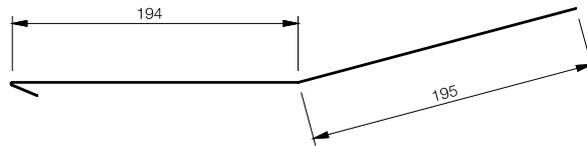
### STSRP Apron flashing cross roof slope



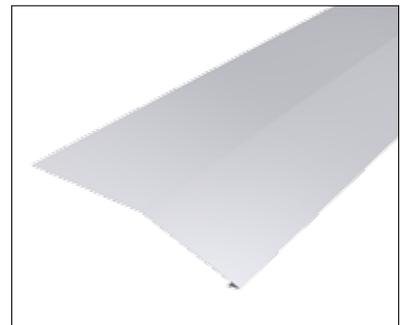
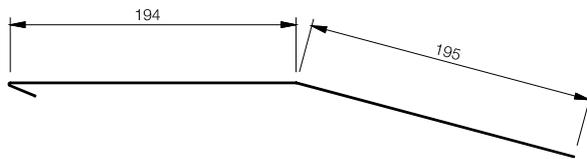
# Technical information

## Components

### OVKSRP Transition flashing dormer



### OVMSRP Transition flashing mansard roof



### TBASRP sealing strip

Thickness = 3 mm  
Width = 20mm

### PD4 95 Polyethylene strip

Thickness = 4 mm  
Width = 95 mm

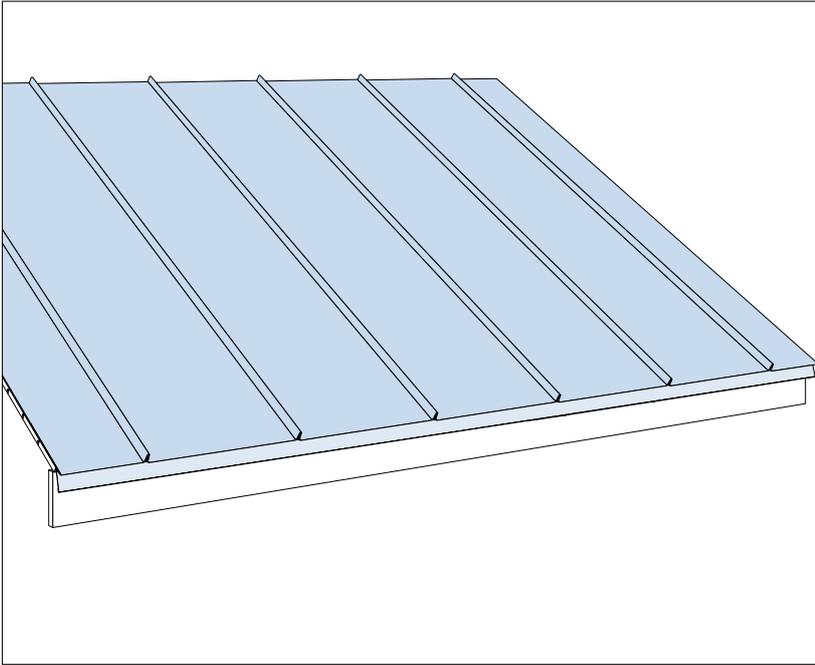
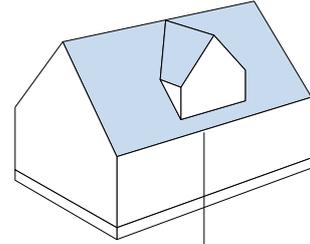


### WFLEX sealing band

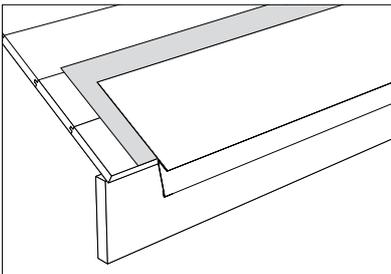
Width = 280 alternatively 560 mm



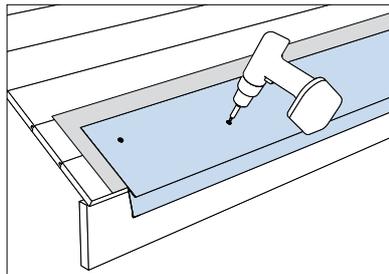
# Assembly – Lindab SRP



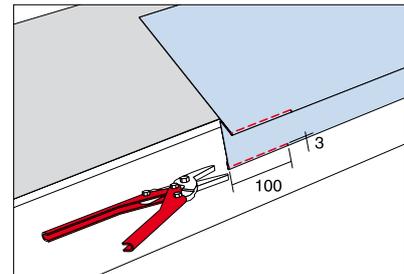
## Preparations - Roof folding board



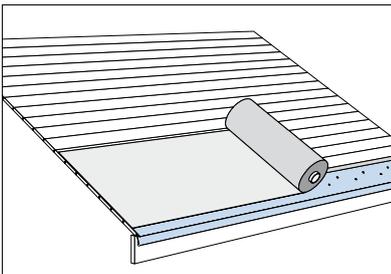
Put a strip of roof paper under the folding board when you mount it. The folding board should overlap the trailing edge of the gutter.



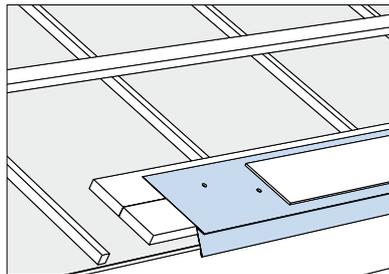
Make sure that the board is placed in a straight line and fastened in a zigzag pattern with 300mm between the fixing points. Use Crew V153



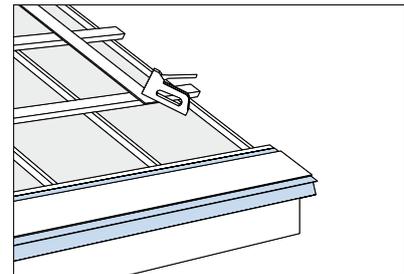
Overlap of the folding board should be done with no less than 100mm.



Apply the roof paper/roof membrane on the boarded roof according to the suppliers' specifications. Make sure to cover all fasteners fixing the folding board.



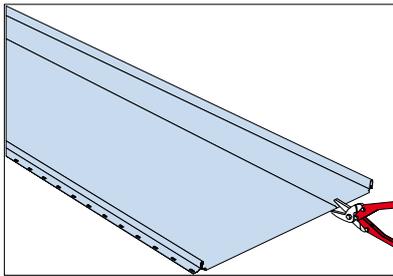
When mounted on battens, a polyethylene strip, PD4 95, should cover the screws.



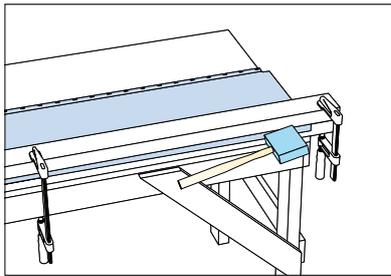
When laying on battens, a polyethylene strip, PD4 95, is placed centrally under each sheet from the second to the second from last batten.

# Assembly – Lindab SRP

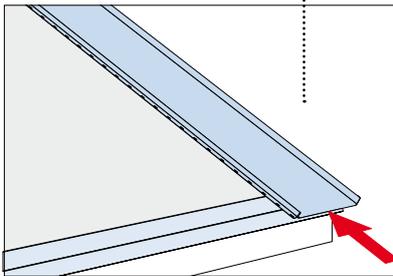
## Roof panel coverage



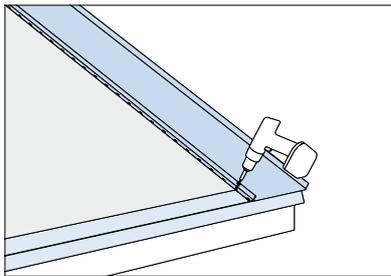
The first sheet that is laid furthest to the right on the roof will probably have to be cut down to size to match the last sheet. Take care when calculating the first and last sheet.



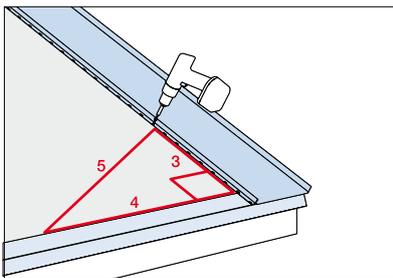
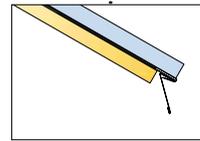
Before the first sheet is put in place, the lengthways cut edges should be folded up 25 mm.



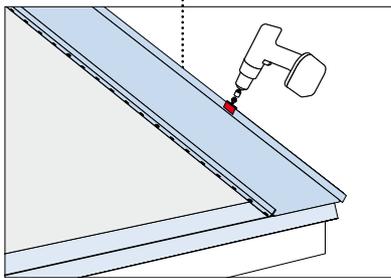
Place the first sheet and slide up against the folding board.



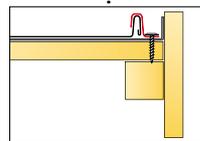
Fasten the sheet with a screw for simple adjustment.



Adjust the sheet so that it is absolutely perpendicular to the folding board.

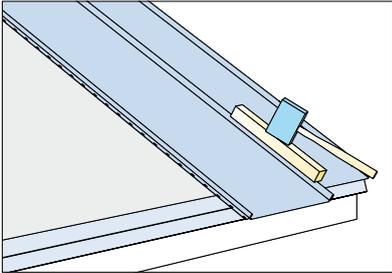


Fit the fastening sill at c/c 600 mm. Use screw V153.

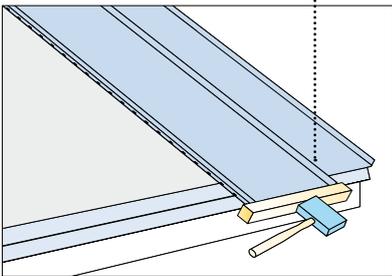


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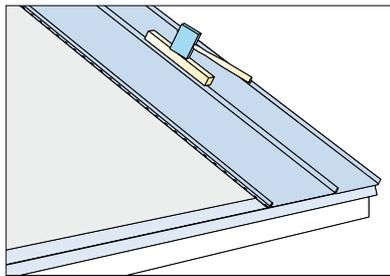
## Roofing sheet 2 etc...



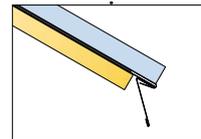
Place the sheet over the previous sheet's seam and press slightly toward the bottom edge.



Push the sheet's folded edge towards the folding board.

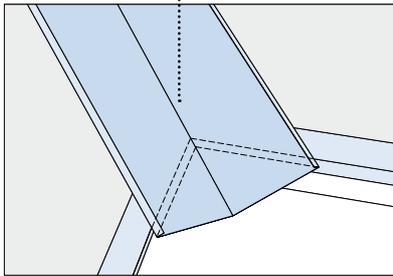


Click in the seam along the entire sheet length. Use the plastic mallet Attach using screws along the left seam.

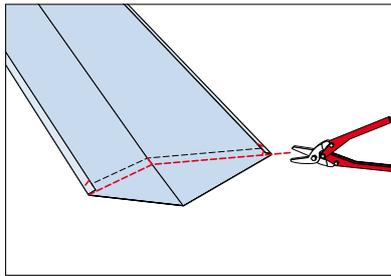


# Assembly – Lindab SRP

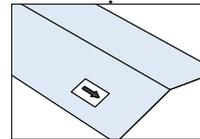
## Preparations - gutter sheet



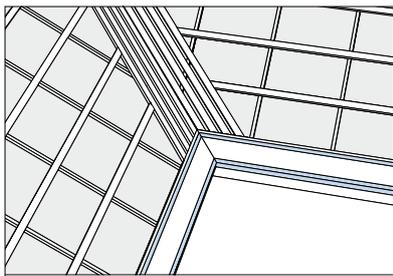
Place the valley gutter in the roof gully and mark the part to be cut away. Be sure to have 25 mm in the cutting space to be able to fold the edge around the folding board.



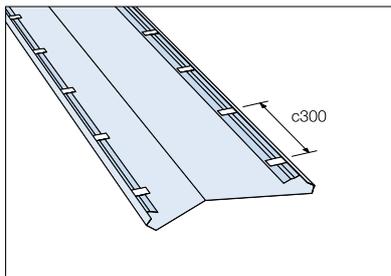
Use shears to cut out the roof corner.



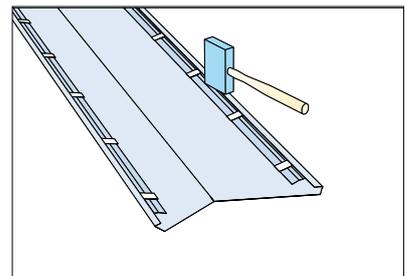
Remember to fit the sheet correctly. The arrow on the back should point downwards.



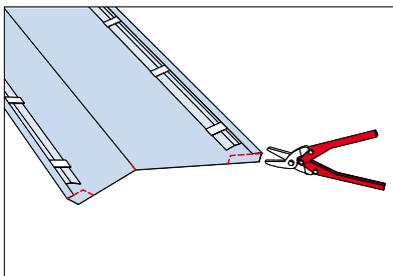
When fitting on battens, the roof gully must be raised to the same height as the top batten on the other roof.



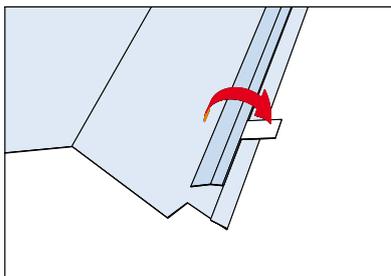
Place the C2SRP fastening sheets along the valley gutter's upturned edges on both sides. Use fastening sills at c/c 300 mm along the edge.



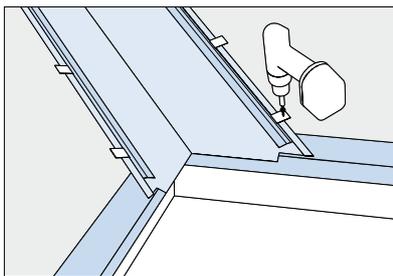
Attach the fastening sheet by hammering down the valley gutter's edge.



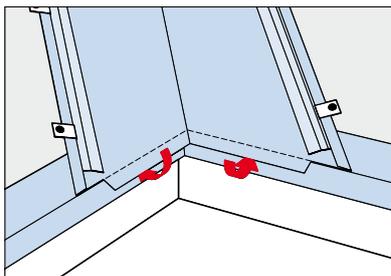
Make cuttings for the folded edge at the bottom of the valley gutter.



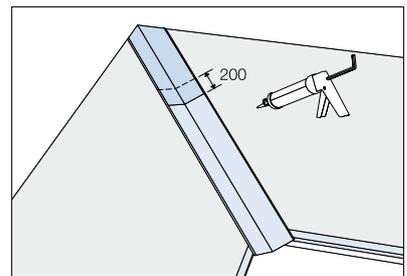
Fold the fastening sills over the edge. These will become the valley gutter's fixing points to the roof.



Place the valley gutter in the gully and fasten using screws through the fastening sills.



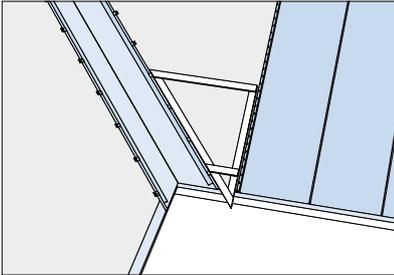
Fold the valley gutter at the bottom of folding plate.



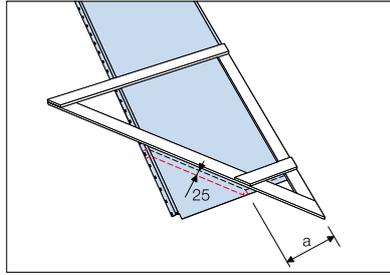
For valley gutters of more than 2000 mm, profiles overlap by at least 200 mm. Use sealing compound in the overlap.

# Assembly – Lindab SRP

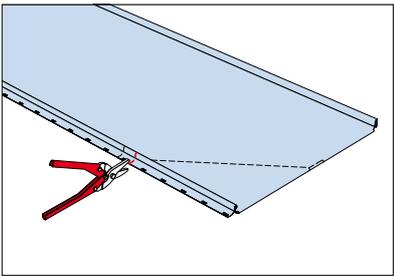
## Roof panel coverage for guttering



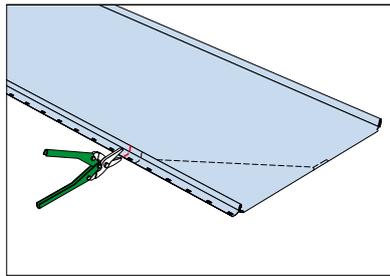
Measure the angle by making a template from wooden studs.



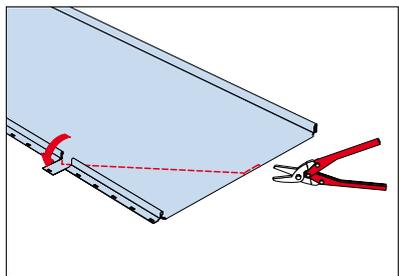
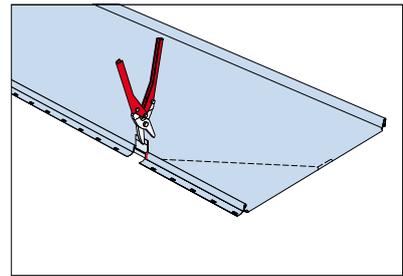
Place the angle template on the sheet and mark it. Remember to have a 25 mm cutting space for the folded edge.



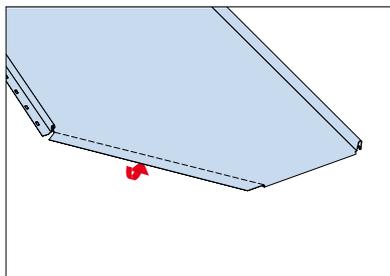
Cut up the sheet's seam first.



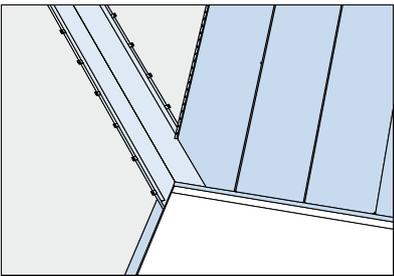
It is also easier to use left shears.



Fold down the seam clipping and cut the angle to the seam.



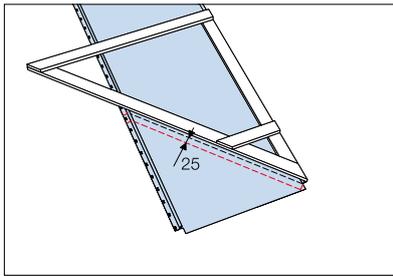
Make sure to create folded edges at the bottom.



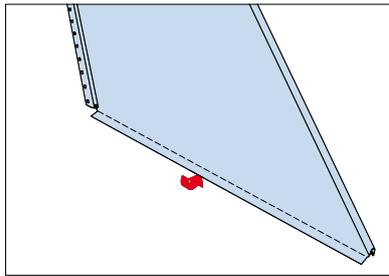
Place the sheet in the gully and push in the folded edges around the folding board and the valley gutter's fastening device.

# Assembly – Lindab SRP

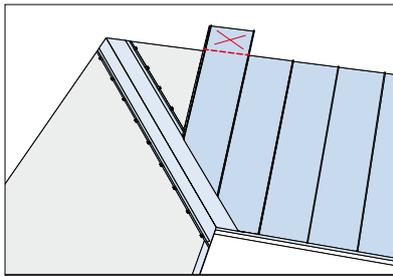
## Roofing sheet 2 etc. for valley gutter



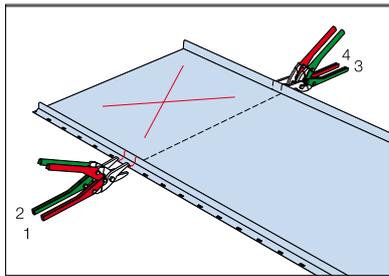
Use the angle template again to mark out the angle. Remember to have a 25 mm cutting space for the folded edge.



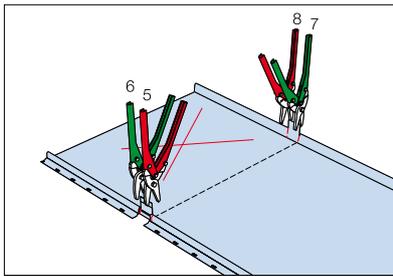
Fold the bottom edge of the sheet.



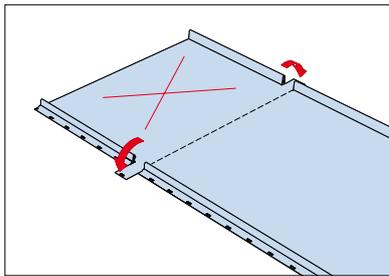
Place the sheet on the roof and mark where it needs to be cut on the upper edge.



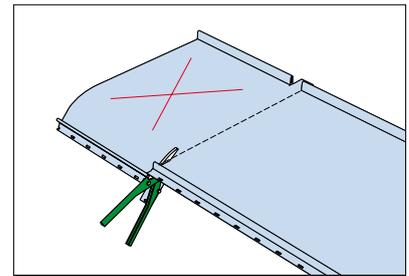
Use the left and right shears and cut the seams' flat section.



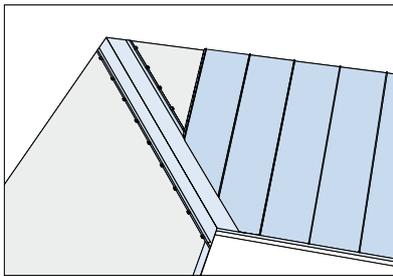
Cut up the seam.



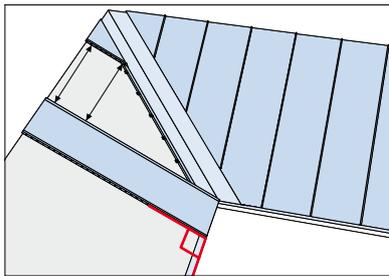
Fold down the clippings in order to be able to cut the sheet.



Cut across the sheet.



Place the roofing sheet by sliding the folded edge beneath the fastening device. Fix using screws along the left seam.



Cover with a provisional roofing sheet left of the gutter. Start with a full sheet at the far left and ensure it is straight against the folding board. Then cover the valley gutter. Remove the provisional roofing sheet.

# Assembly – Lindab SRP

## Coverage with dormers

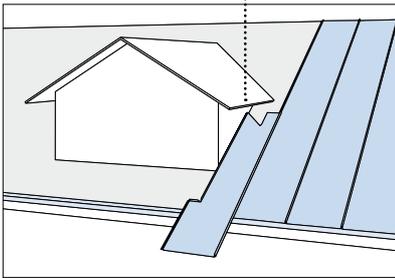
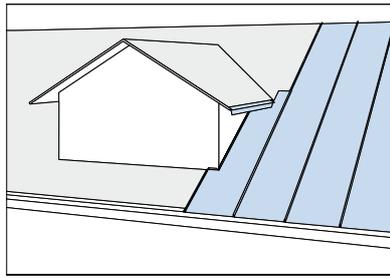
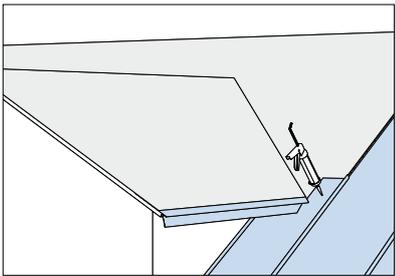
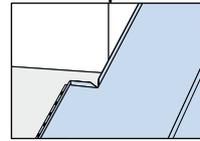


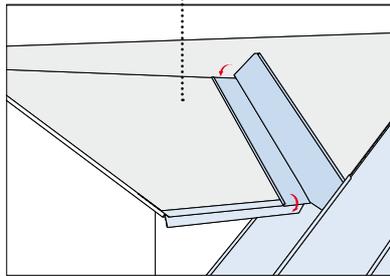
Figure cut the roofing sheet according to the shape of the roof dormer. remember to fold up a 25 mm edge along the cutting edge.



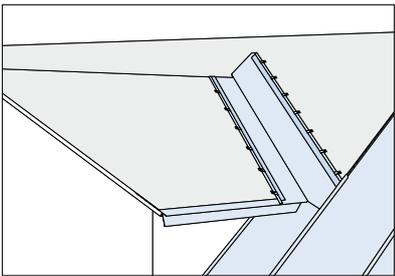
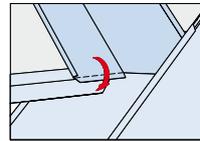
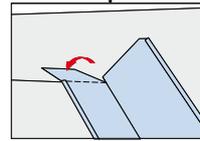
Place the sheet by the dormer and ensure that the bottom fold goes around the folding board.



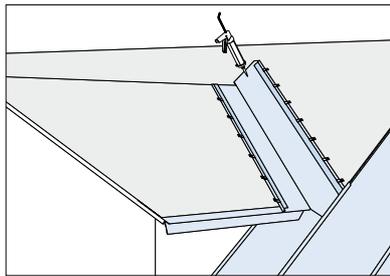
Put a string of sealant on top to prevent water from getting between the roofing sheet and the gutters.



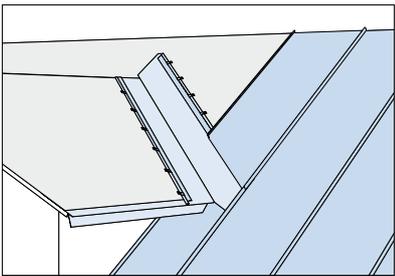
Place the dormer's valley gutters and ensure that the lower edge is folded against the dormer's folding board and the top edge folds against the ridge.



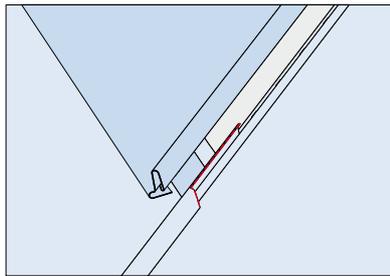
Attach the fastening devices using the same principle described in the process of preparation for the valley gutters.



Put a string of sealant on top of the valley gutter to prevent water ingress.



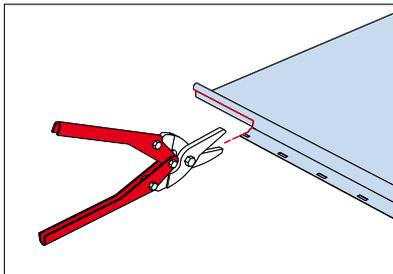
Cover with roofing sheet above the dormer using the same principle as described for work with coverage of the valley gutters.



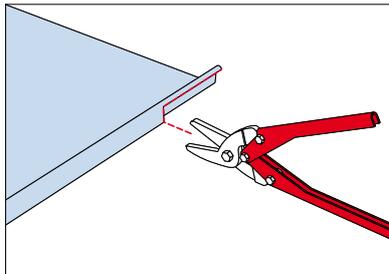
Make sure there is an overlap on the sheet at the bottom of the dormer. Cut 100 mm of the seam to secure the overlap. Open the top sheet's seam slightly before putting the sheet in place.

# Assembly – Lindab SRP

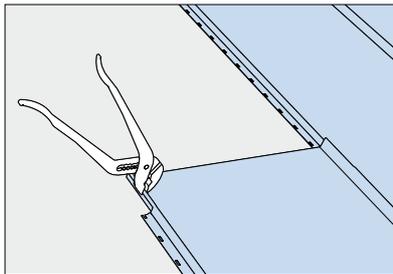
## Overlap



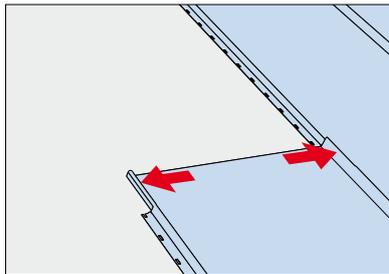
If the roof length is longer than the roofing sheets, an overlap is needed. Be sure to place the overlap with a displacement between the seams. Start by cutting away 100 mm from the bottom part of the top seam.



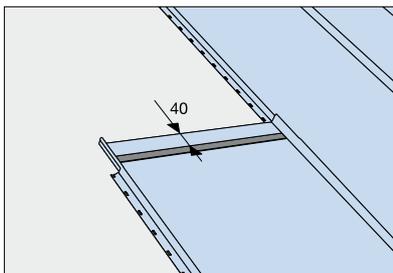
The overlap of two adjacent metal panels must be at least 500 mm apart.



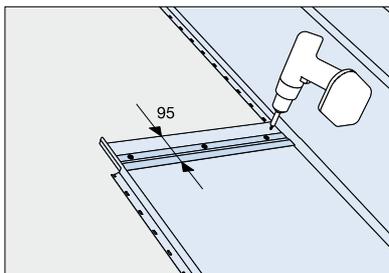
Pinch the seam's cutting edge so that the upper sheet can connect well.



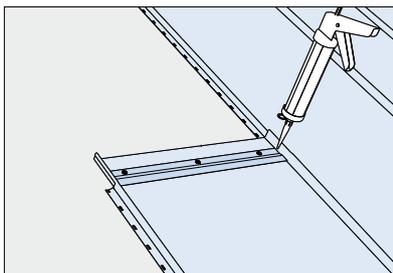
Bend the seams outwards to make room for the overlapping sheet.



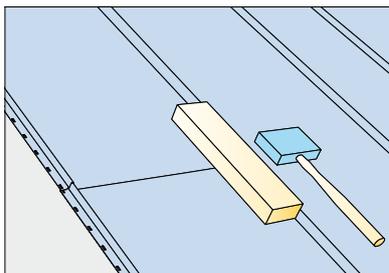
Place the sealing strip on the sheet.



Fix the C2SRP fastening device. Allow it to cover the entire width between the seams. Fasten using three screws, V153, through the fastening device and the underlying sealing strip.



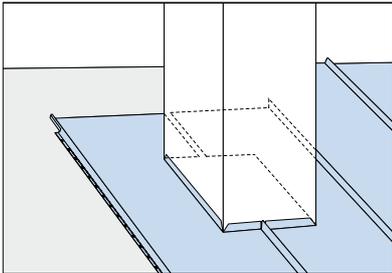
Put sealant in the joint between the fastening device and the seams to prevent water penetration in the overlap.



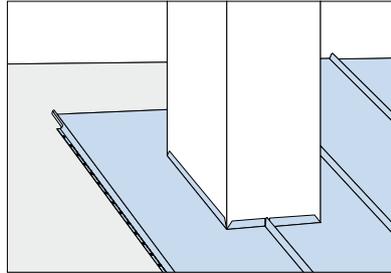
Place the top sheet and ensure that the sheet's fold goes round the fastening device and that the seams click into each other. Use plastic mallet and wooden block and adjust the seams. Open the seams on the top sheet slightly before this is fitted.

# Assembly – Lindab SRP

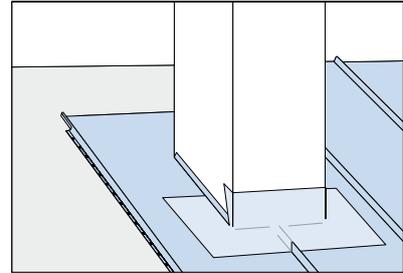
## Seal around the chimney



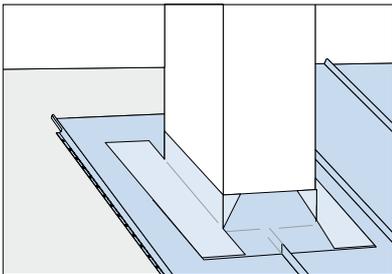
Cut away the seam above the chimney so that you get a flat surface.



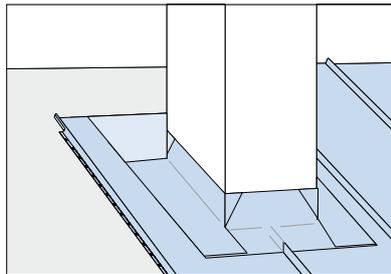
Place the cut out steel sheets around the chimney. Fold up the edges 25mm.



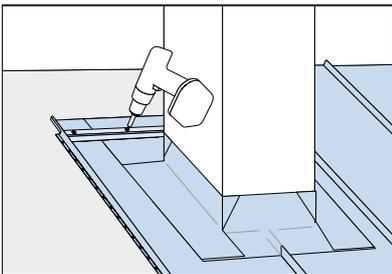
Use a sealing band around the chimney and on the steel sheets, begin with the lowest section.



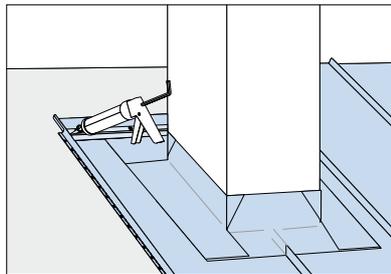
Continue along the sides and over the lowest section already laid.



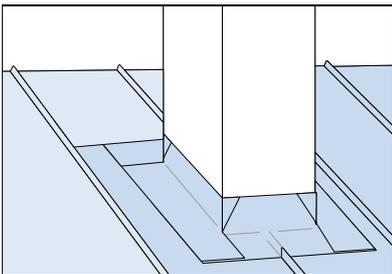
Finally apply the upper section of sealing band.



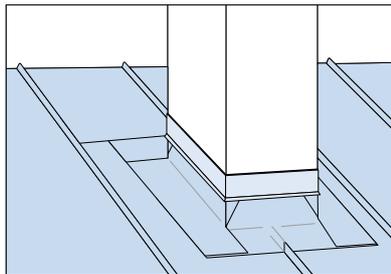
Fasten the C2SRP fastening device on the upper section of sealing band.



Apply non hardening sealant at the edge between the C2SRP and the seam of the steel sheet.



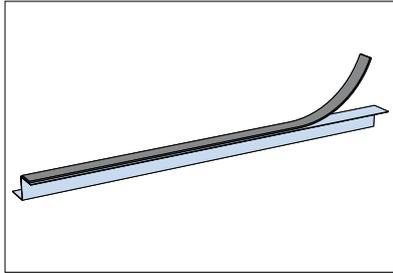
Mount the SRP sheet above the chimney in the same manner as done from the folding strip at the roof's lower edge.



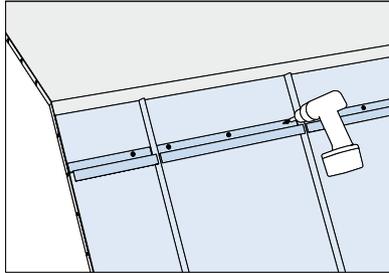
Seal around the chimney on top of the sealing bands with a steel sheet.

# Assembly – Lindab SRP

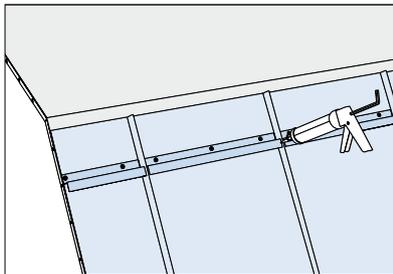
## Roof transitions



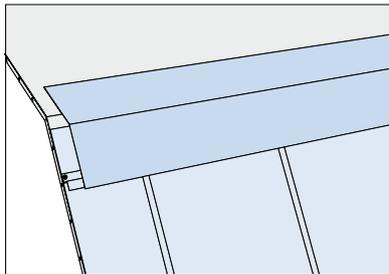
Use C1MSRP fastening device and place the sealing strip against the part that will lay against the roofing sheet.



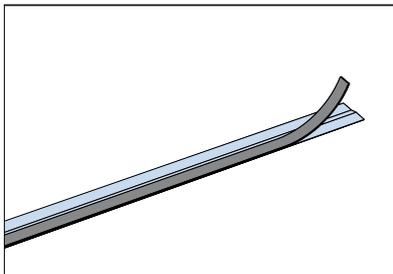
Fix the fitting C1MSRP between each seam. On the lower roof part.



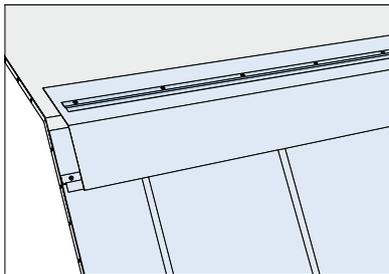
Put sealant in the joint between the fastening device and the seams to prevent water penetration in the overlap.



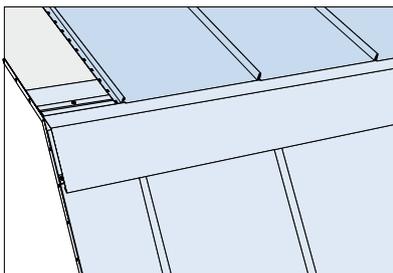
Place fittings OVMSRP or OVKSRP over the roof transition. Ensure that the fittings hook into the fastening device properly.



Use C2SRP fastening device for fastening the upper roof part. Place the sealing strip against the part that will touch fittings OVMSRP or OVKSRP.



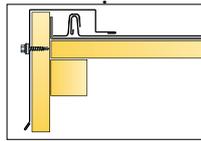
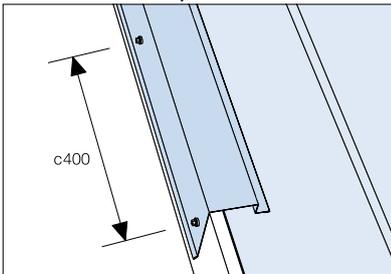
Fix fastening device C2SRP to the roof transition fitting.



Fasten the roofing sheets to the upper roof part. Be sure to hook the sheets into the fastening device.

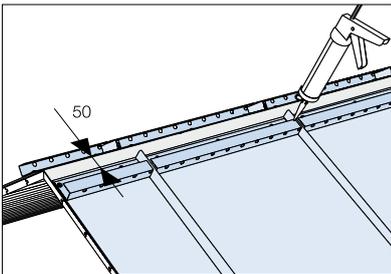
# Assembly – Lindab SRP

## Barge board flashing

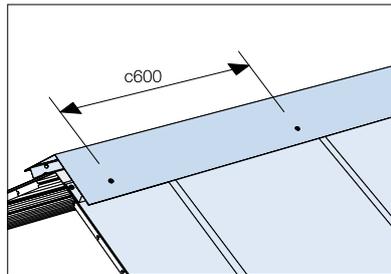


Fix the barge board flashing VISRP using screw D14K c/c 400 mm. Start with the ridge. Splicing is done with a 100 mm overlap.

## Ridge cap pentridge

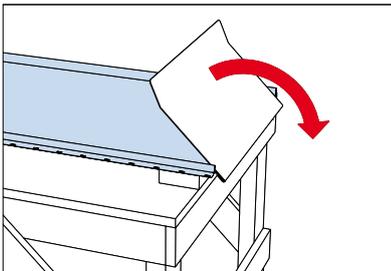


Fix fastening device C1SRP on both sides of the ridge. Use screw V153. Put the sealing strip between the fastening device and the roofing sheet. Be sure to put sealant on each seam.

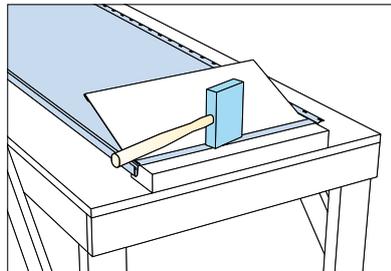


The ridge must overlap the end plate at the start and end points.

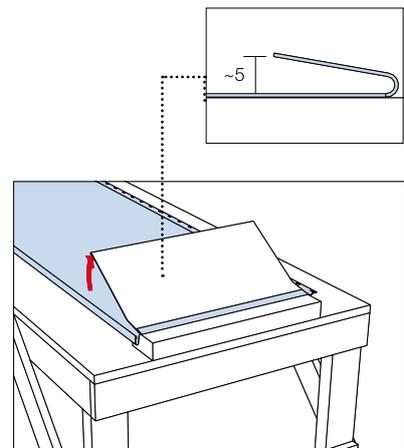
## Folding



Place the first sheet on the workbench with the top side up and use the folding tool included.



Turn the sheet so the top side is facing the bench and use a plastic mallet to hammer down the fold. Be careful to ensure that it becomes a sharp fold. Use the mallet for evening out.



Turn the folding tool upward so that a 5 mm space is created in the fold.





Lindab Building Components is a business area within the Lindab Group that develops, manufactures and markets efficient, economical and aesthetic steel and sheet metal solutions for the building industry.

We offer a wide range of components and systems for all types of housing, as well as commercial and industrial buildings.

Lindab Building Components is represented in over 30 countries throughout Europe. Our head office is in Förslöv, in the south of Sweden.

