

Cirrus is one of the most beautiful roof tiles on the market. It's a practical and strong roof covering with the traditional ceramic roof tile look. The perfect choice if you would like to combine strength and design.

Cirrus is produced in high quality steel. Compared to other roof coverings it has an advantage of the very low weight. A weight of approx. 5kg/m² makes it easy to handle and mount.

Cirrus is precovered with numbers of layers with the important zinclayer as a base. The roof tile is offered in various surfaces and colours.

PREPARATIONS

Measure the roof's diagonals to check that the roof is straight. Variations of up to 30mm is handled by the roofside fittings. If you have bigger variations the roof should be corrected. Check that the roofpaper is ok. If not you need to repair this and also the wooden planks. Check that the roof is even. Decide of numbers of sheets and different length.

GENERAL ADVICES

Cutting

Use nibbler for cutting. Never use grinding tools as this will damage the surface of the steel sheets.

Surface repair

If damages occurs during mounting these should be repaired with appropriate improvement paint. All cutting edges should be painted.

Walking on the roof

Use soft shoes when walking on the roof. Always step in the lower part of the profile and always on a point over the mounting beams. Make sure that the sheet is fixed with screws before walking on it. Never leave the roof with loose sheets on it.

Storing during short period

Store the bundles with sheets min. 200 mm over the ground. The sheets should also be stored with an angle so that water could be drained. Cover the bundles with plastic and make sure that proper ventilation is achieved under the plastic.

Storing during longer period

Storing longer times should be inside in a dry warehouse.

Roofangle

Measure the angle of the roof. The angle should be minimum 14 degrees.

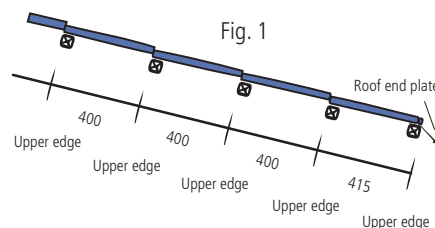
Cleaning

After mounting it is important to remove all dust and rest products from cutting and drilling.

MOUNTING

1. Recommended beam distance

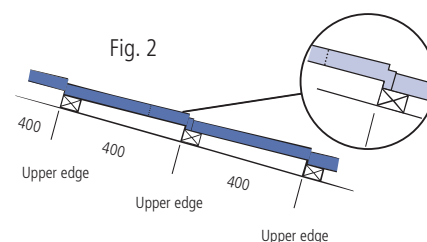
Use beams of approx. 40 x 50 mm and ribs of approx. 12 x 25 mm. The ribs should be mounted with c/c 600 mm. The beams as per figure 1.



To make the work easier you could mark the positions for the beams on the ribs.

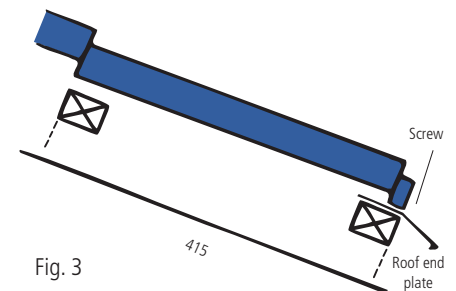
2. Overlap

When the length of roof requires more than one sheet you mount with overlap as per figure 2.



Make sure that the last beam is parallel to the roofridge.

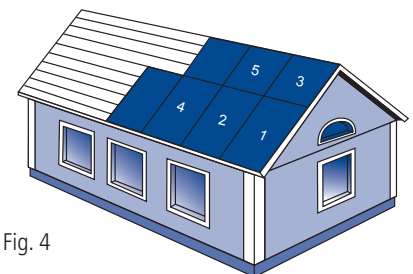
3. Overlap



When needed make hole in the beam for the gutterbrackets before mounting the roof end plate. Mount the roof end plate provisionally with nails. Final mounting is done when you mount the steel sheet with screws. The overlap should be minimum 60 mm.

4. Mounting order

Mount the sheets from right to left. When using multiple sheets in length please mount as in figure 4.

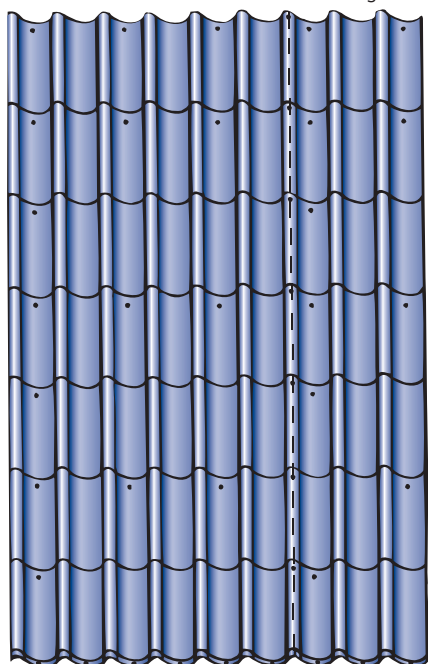


Use lower beam as indicator for first sheet. It is very important that the first sheet is mounted correctly for the whole installation. Check how the last sheet will end at the other side and decide whether you should cut some part also from first sheet. Press the overlap sheets properly against the underlap sheets to avoid gaps.

5. Fastening

Use preapainted galvanised screws (self drilling) 4,8 x 35 mm. For mounting in beams of steel use preapainted drill screw 4,8 x 20 mm. Use power driver. Place screws as per figure 5.

Fig. 5



Place screws at every second lower part of profile and also every second tile. At the roof end and also along the overlap place screw in every lower part of profile.

6. Roofridge

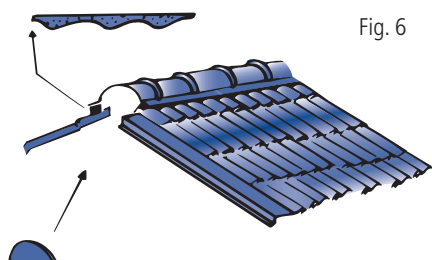


Fig. 6

First mount the roofridgeend in the first roof-ridge. Align the roofridge and mount with screws in every second top of profile. Also mount the weatherstrip at the same time. The roofridge should be mounted with overlap screws (self drilling) 4,8 x 20 mm.

7. Roodsides

Align the roodsides plates as in figure 7A. If you need to cut the rooftiles in the lower part of the profile along the roodsides you should have a bend to get same height as top of profile (see figure 7B). The roodsides plates are mounted with overlap screw (self drilling) 4,8 x 20 mm. The roodsides plates are mounted with an overlap of 100 mm.

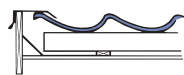


Fig. 7A

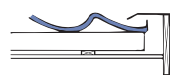


Fig. 7B

8. Roof angle plate

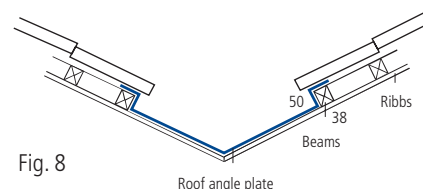


Fig. 8

The overlap between the roof angle plates should be minimum 200 mm and it should be sealed with filler. The roof angle plate is mounted with nails in the lower beam c/c 300 mm.

Combination table for Cirrus in standard lengths

450 mm, 1250 mm, 2450 mm, 4050 mm

Using		Effective length, mm
1	x 450	450
2	x 450	850
1	x 1250	1250
1	x 450 + 1 x 1250	1650
2	x 450 + 1 x 1250	2050
1	x 2450	2450
1	x 450 + 1 x 2450	2850
2	x 450 + 1 x 2450	3250
1	x 1250 + 1 x 2450	3650
1	x 4050	4050
1	x 450 + 1 x 4050	4450
2	x 450 + 1 x 4050	4850
1	x 1250 + 1 x 4050	5250
1	x 450 + 1 x 1250 + 1 x 4050	5650
2	x 450 + 1 x 1250 + 1 x 4050	6050
1	x 2450 + 1 x 4050	6450
1	x 450 + 1 x 2450 + 1 x 4050	6850

etc.

Product information

Covering width:	1100 mm
Profile height:	24 mm (+ 20 mm i in tile step)
Thickness:	0,40 - 0,50 mm
Weight:	4,40 kg/m ² (0,5 mm)
Length:	400 - 6000 mm
Standard length:	450, 1250, 2450, 4050 mm
Step length:	400 mm
Overlap:	50 mm
Coatings:	Polyester 25 µm Matt polyester 35 µm KARAT, Structured KARAT 45 µm

Please contact your local sales representative for more info.
 Areco Sweden AB Areco Sweden AB
 Vinkelgatan 13 Västeråsvägen 9
 211 24 Malmö, Sweden 734 51 Kolbäck, Sweden

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