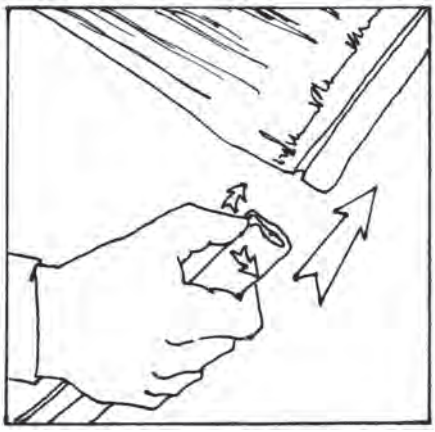
Assembly Instructions
PALMEX ALOHA

ARUNDO REED

For roofing on houses, 9 shingles are used per 1 m2, with a line-to-line distance of 12 cm.

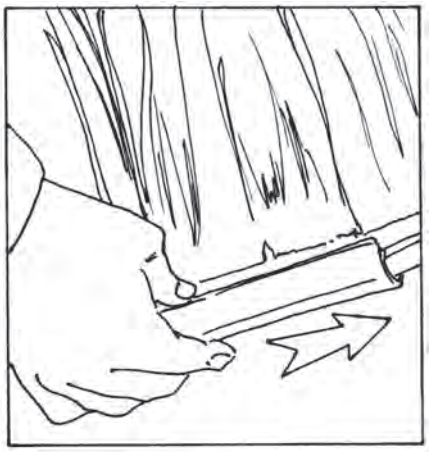
For use on roofs that have a slope of more than 40 degrees, the shingles can be attached directly to the roof.

Step 1 (Preparation of the Shingles).



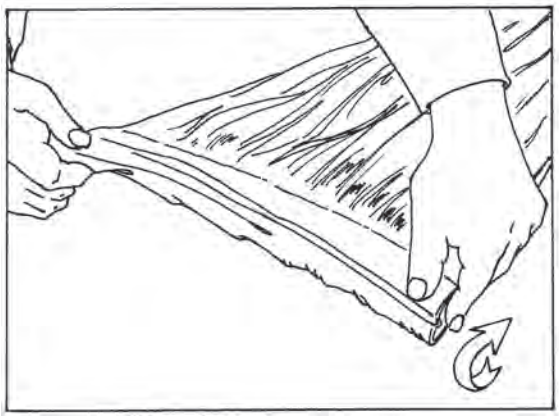
Open the plastic rail just enough that it is possible to slide in a single shinglesheet.

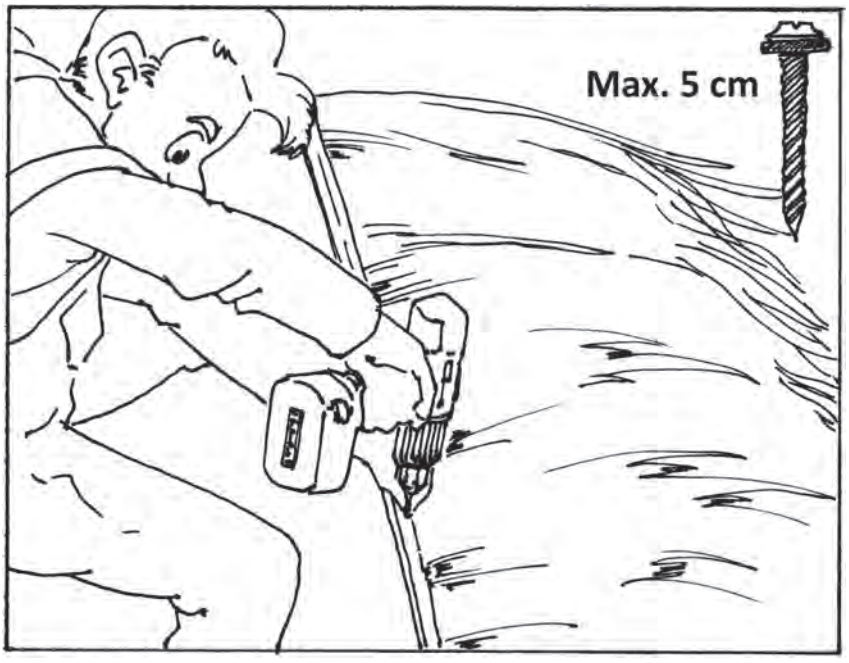
Slide the rail forward carefully over the entire Shingle. As soon as the shingle is secure fastened in the rail, slide a second shingle into the rail and make certain that the second shingle overlaps the first by a minimum of 5 cm.



Fold the rail over the Shingle sheet until it becomes stuck. Now you're ready to attach the shinglerail to the roof.

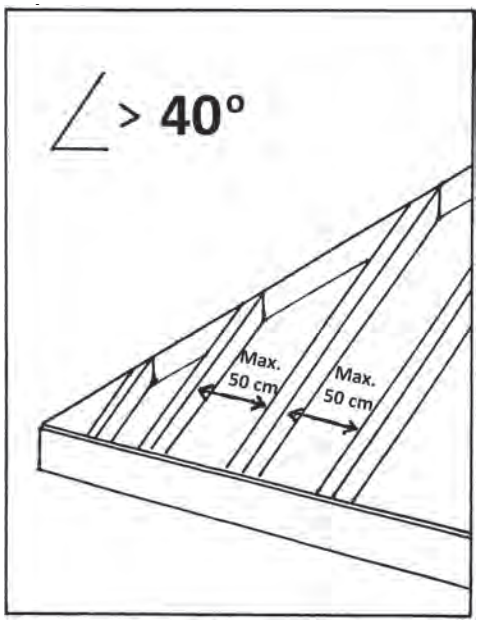
For placement on the roof, tile laths are not necessary., the shinglerails suffice!



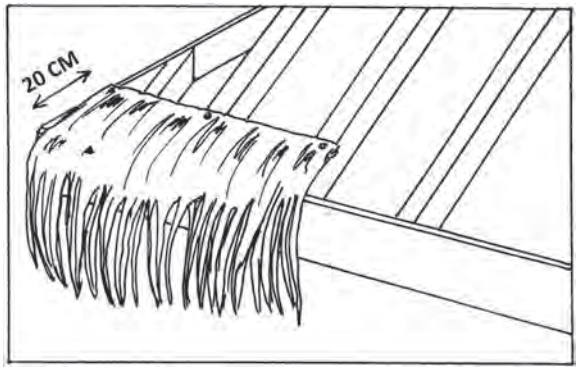


Attach the shinglerails using special screws with rubber washers with a maximum length of 5 centimeter.

Step 2 (The placement of the prepared shinglerails)

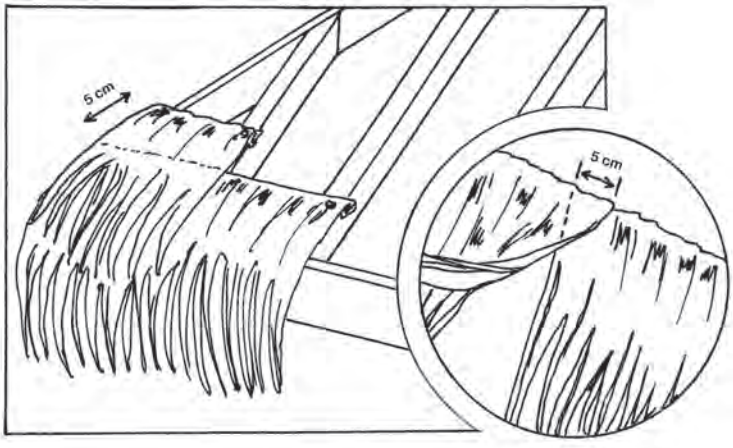


For use on a roof with a slope of more than 40 degrees, a waterproof membrane is not necessary. The distance between the roofbeams may not exceed 50 centimeter.



You place the prepared rails of shinglesheets directly on the roofbeams.

The first shinglerail is placed at 20 centimeter from the roofedge.

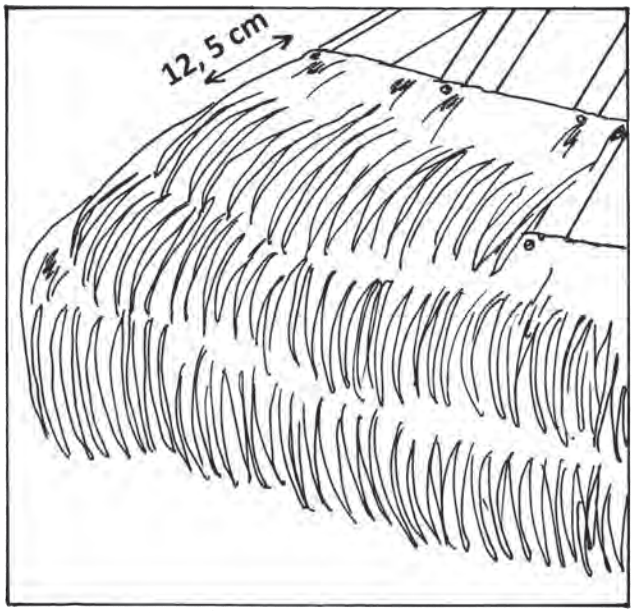


Start the second row by cutting a shinglerail in half making certain to always overlap the seams in the previous row.

This second row is placed at 5 centimeter distance from the top of the bottom row of shingles

Make certain while placing the next row of shingles that the shingles overlap at least 5 centimeter.

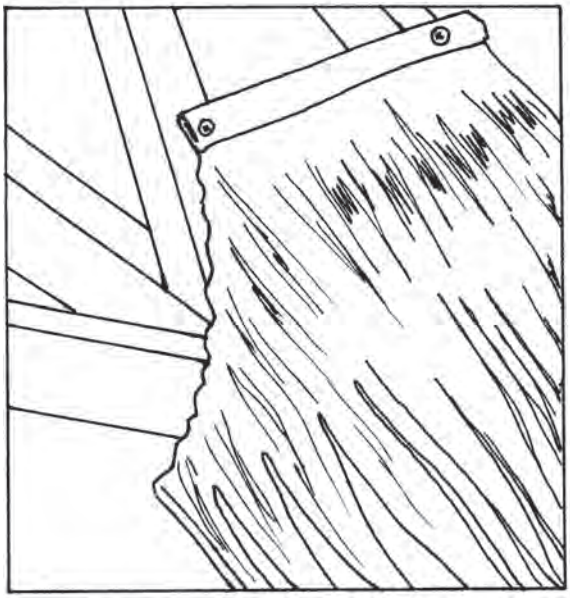
Step 2 (continued):



Now work your way up, row by row, staggering the shingles as you go. (Start one row with a full shingle, the second with a half-shingle, the third with a full shingle, and so on.) Place ervery next row of shingles at 12,5 centimer distance from the previous one.

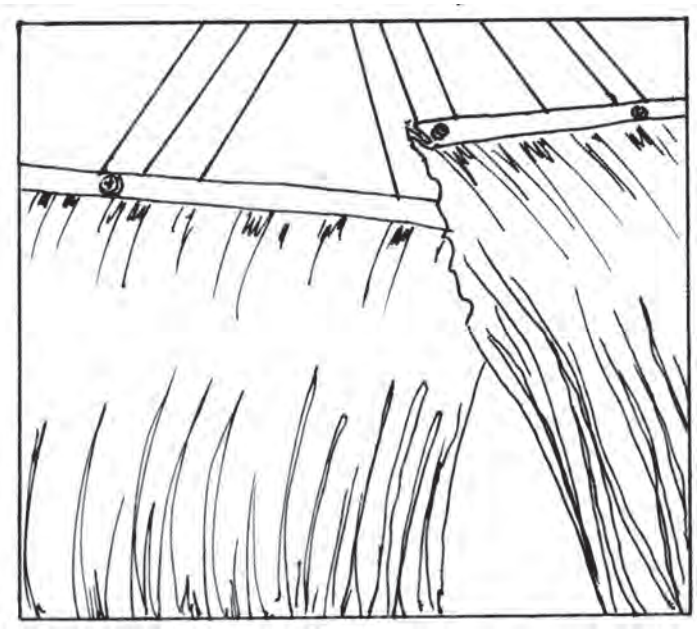
For extra security you could place stormclips to reinforce the placed shinglesheets.

Step 3 (Finishing a roof corner):



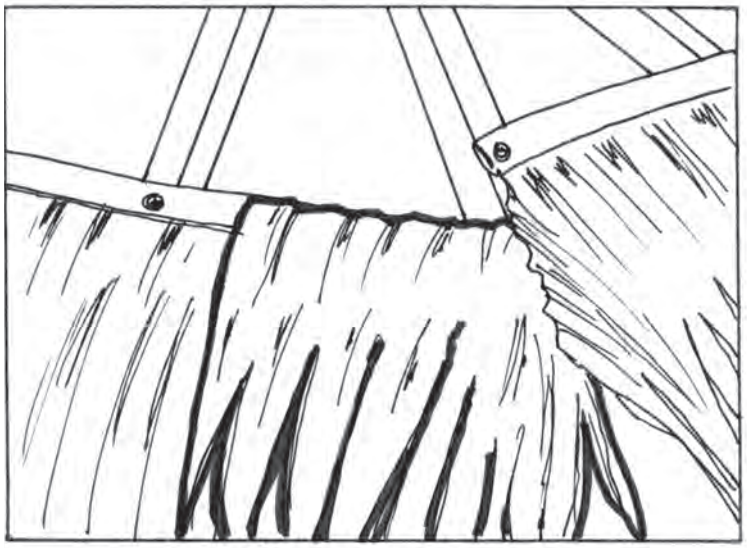
First prepare a rail so that it easily can cover the distance between the cornerbeam and the next one. slide a piece of rail over the shingle and fold it as if you're preparing a normal shinglerail. Cut the piece that is not covered by the rail in a curve (See illustration).

Place the sheet as per usual using two special screws with rubber washers.



Prepare a second shinglesheet in the usual manner. Place this sheet in such a way that it is partially covered by the sheet you have just placed in the previous step and attach it to the beams with screws with rubber washers (See illustration).

Step 3 (continued):



Finally place a third shingle that is prepared in the usual manner and fold it over the corner so that it covers the two previously placed shingles. Attach this sheet to the beams with screws with rubber washers.

Attach this sheet with two screws to the cornerbeam to keep the construction tight. Make certain that ne next row of shingles overlaps the previous row as if you're placing the rows normally (See previous steps).

If you followed the steps correctly you should have a completely waterproof roofcorner. The solution should be completely invisible from the outside.