

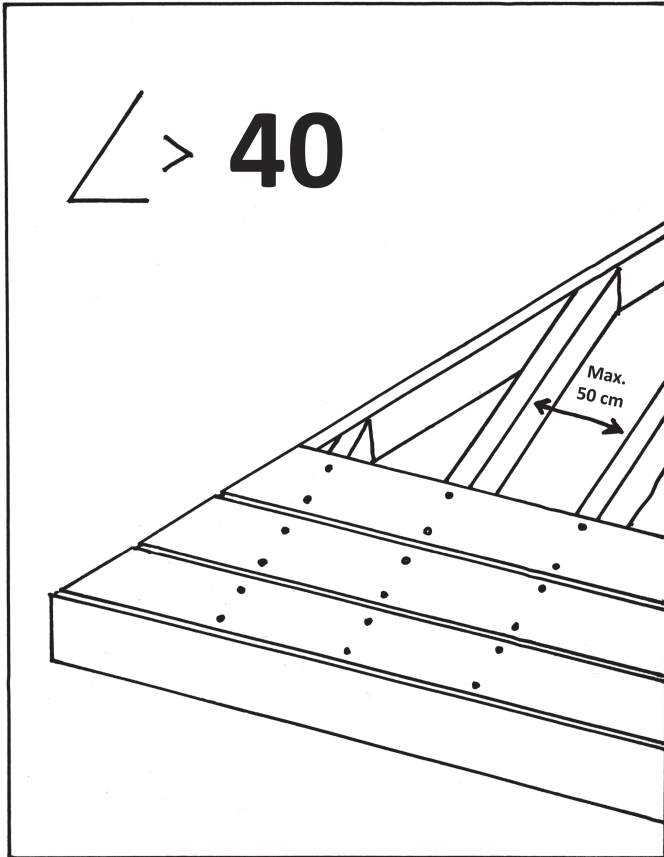
MONTAGEVOORSCHRIFTEN PALMEX RIO



For roofing on houses, 8 shingles are used per 1 m², with a line-to-line distance of 12 cm.

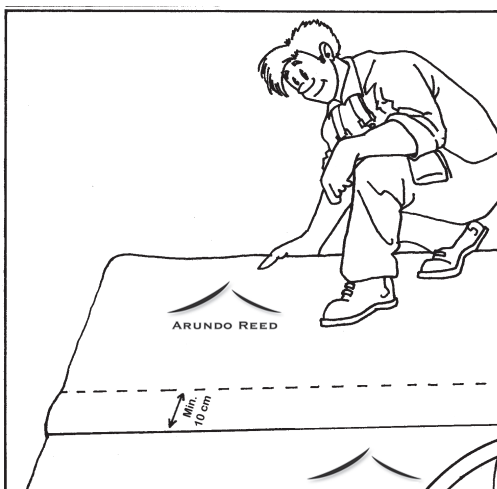
For use on roofs that have a slope of more than 40 degrees, Palmex Rio is waterproof and the shingles can be attached directly to the roof. For use on roofs that have a slope of less than 40 degrees, we advise the use of a waterproof membrane. See step 2 for placement.

Step 1 (Placement of the roofplanks.)

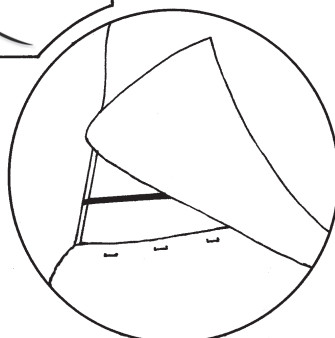


Place planks over the entire roof surface and attach them firmly to the roofbeams. The distance between the roofbeams may not exceed 50 centimeter.

Step 2 (Optional; placement of the waterproof roofing membrane).

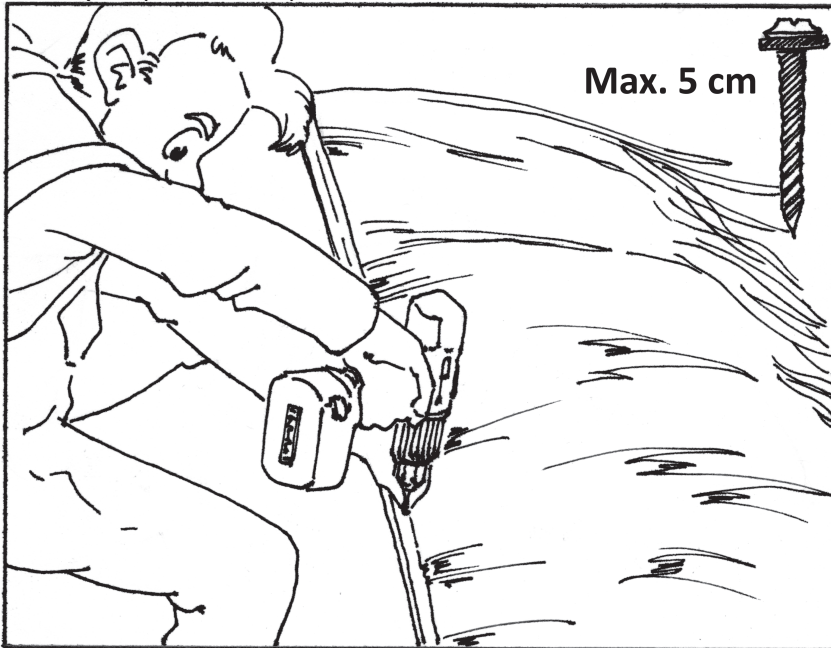


Place the waterproof roofing membrane on the roof, overlapping at least 10cm.



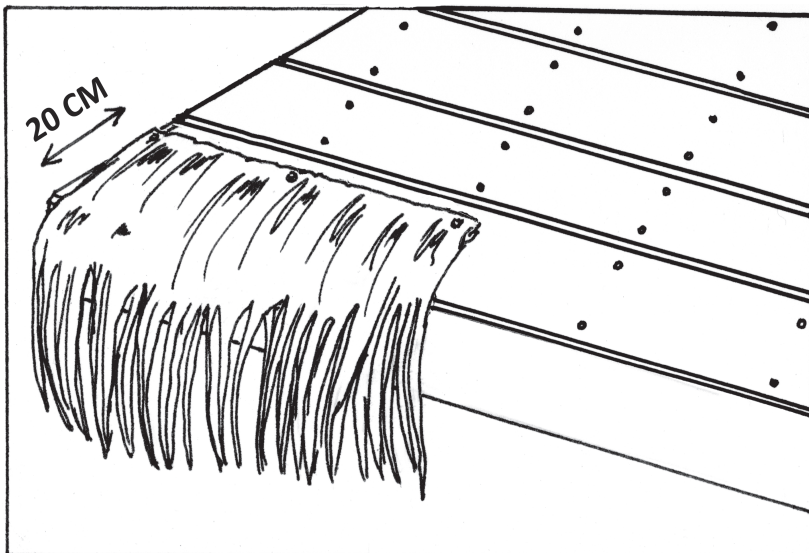
Use several staples to attach the lowest overlapping section of membrane to prevent it from blowing away.

Step 2 (continued):

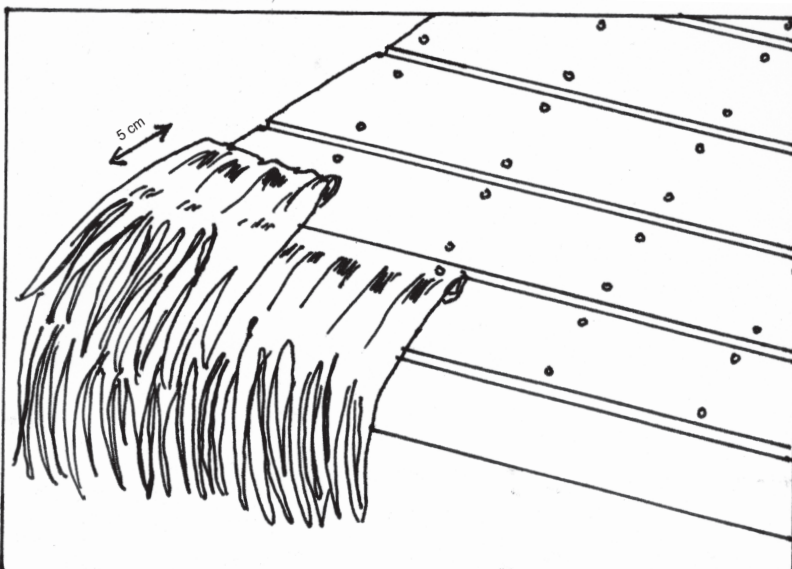


Attach the shinglesheets using special screws with rubber washers with a maximum length of 5 centimeter.

Step 3 (Placement of the shinglesheets)



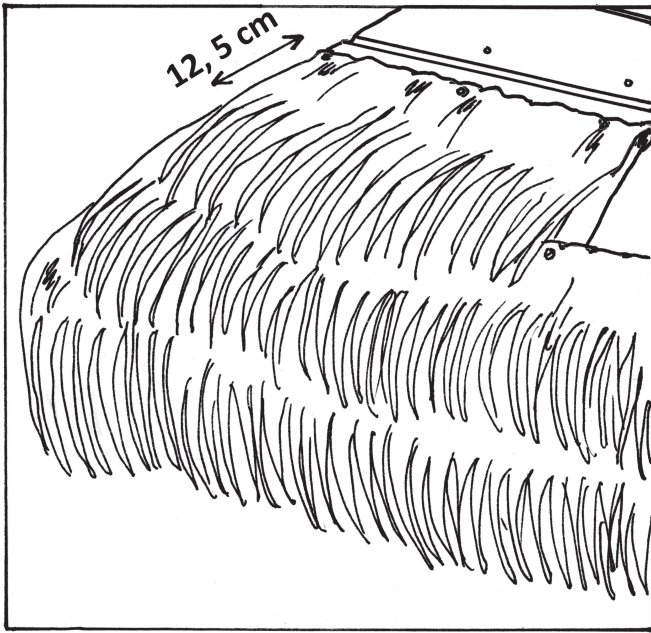
The first shinglerail is placed at 20 centimeter from the roofedge.



Start the second row by cutting a shingle 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 3 (continued):

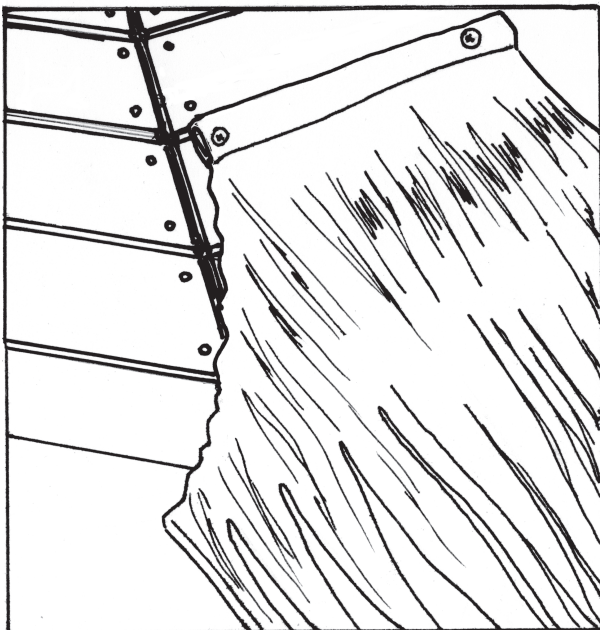


Now work your way up, row by row, staggering the shingles as you go. (Start one row with a full shingle, the second with a half-shingle, the third with a full shingle, and so on.) Place every next row of shingles at 12,5 centimeter distance from the previous one.

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



Step 4 (Finishing a roof corner):

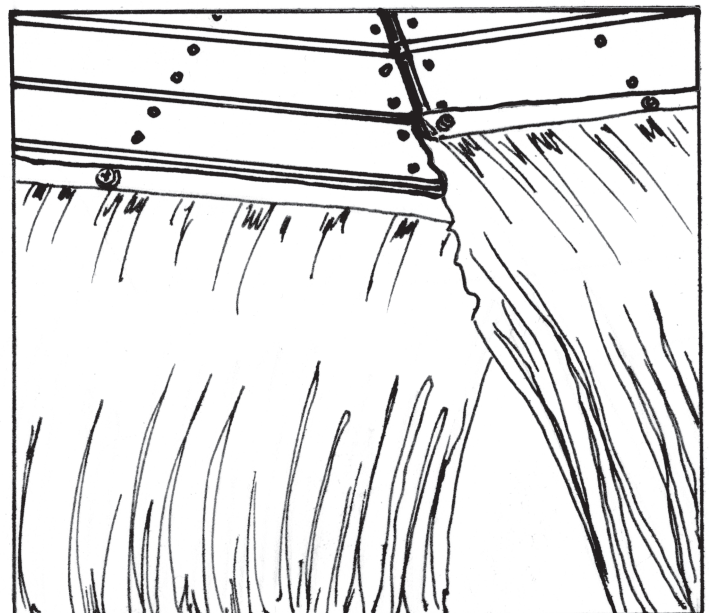


Place the shingles on the roof as shown in step 3.

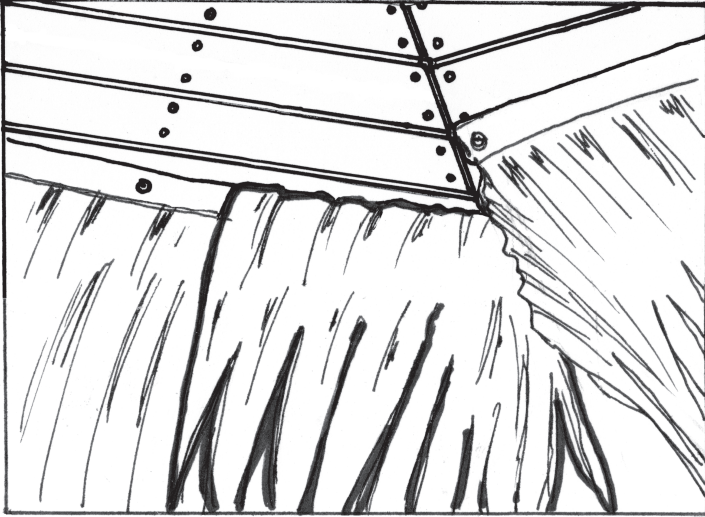
When you reach a roofcorner, let the shingle extend about 25 cm over the corner and attach it as per usual using two special screws with rubber washers.

Cut the piece that is not covered by the rail in a curve (See illustration).

Place the second shinglesheet in such a way that 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).

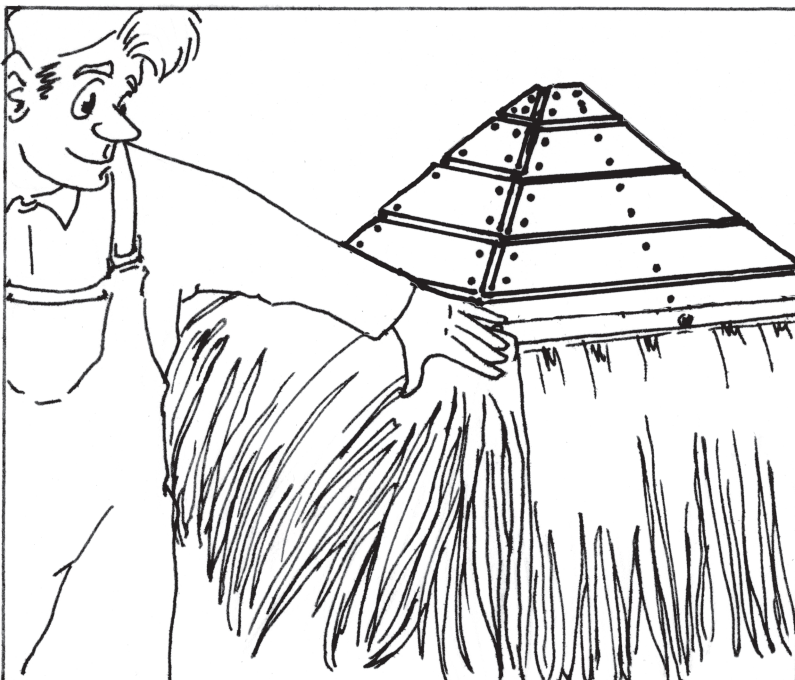


Stap 4 (vervolg):



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.