

Cutting tiles

How to adapt them

1. Recommended tools



Circular saw blades Trapezoidal/flat teeth

45° chamfered flat teeth

Carbide or diamond saw blade

D = 250-300 mm

Speed 2000-5200 rpm

Jigsaw blades

for aluminium

Tooth pitch = 2 mm

2. Cutting

In principle, these tiles can be cut as required for roof edges and around roof penetrations

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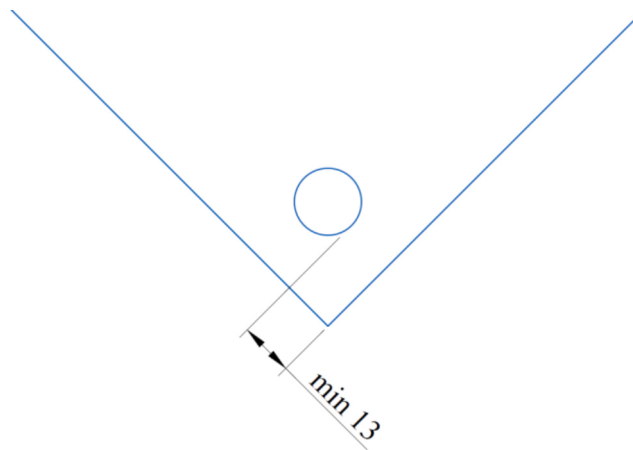
It is the responsibility of the roofer ...

- to support the cut-outs with wood or other materials so that they can be securely fixed in the wind and withstand the stresses occurring here
- to ensure watertightness

3. Drilling holes

Drill holes of the same size (Ø16/24mm) and position as the solar shingles

There must be at least 13 mm from the edge.



4. How to make roof holes

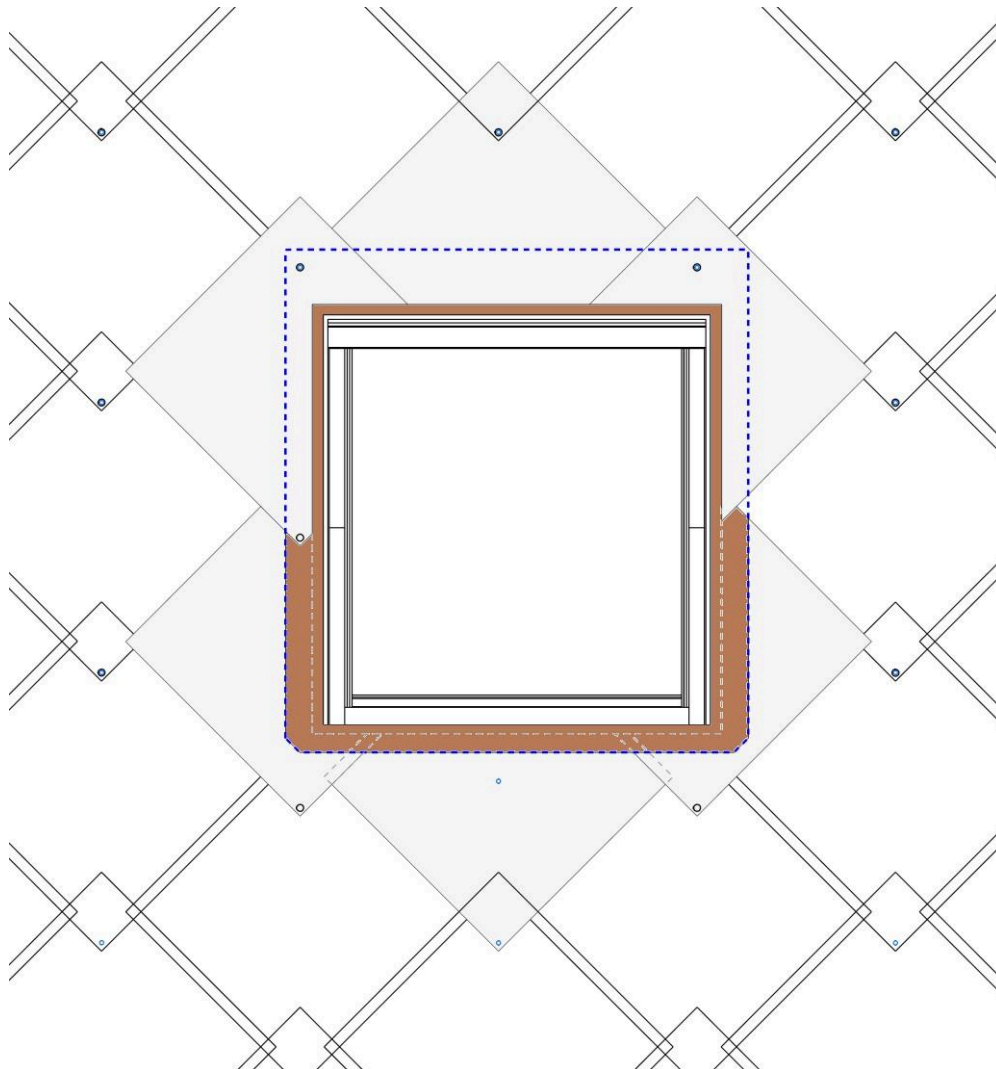
The tinsmith must ensure that this area of the roof penetration is properly sealed with sheet metal.



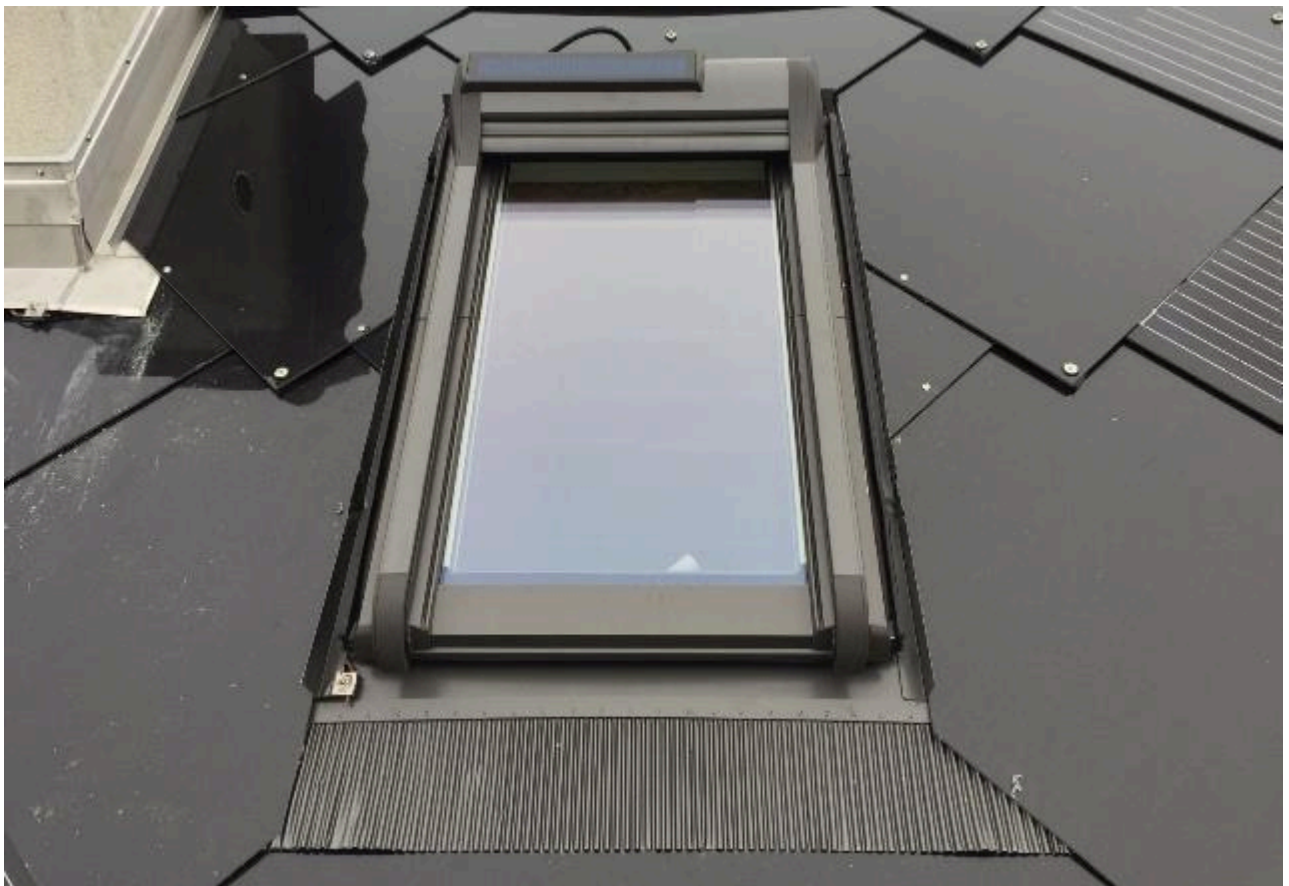




5. Cutting around roof windows



The tiles above the window are above the sheet metal frame of the window, so the water is directed towards the sheet metal. The tiles below the window are below the sheet metal frame, so the water is directed from the sheet metal to the tiles. There is a transition at the side of the window.



6. The possibility of using the aluminium layer directly as an envelope

