

### Construction principle

The "scale" glazing for canopies uses CNS structural elements. The single glazing panels are attached with glass holding brackets which are fixed to the structural elements with bolts. The structural elements are placed directly on to the counter battens and fixed. The overlapping single glazing panels allow the air to discharge without causing a draft. A surrounding cover frame is used as connection to roof tiles or any flat roof frame provided by others. In extreme weather conditions (wind and rain) it is possible that water penetrates through the gaps between the glass panels. It is possible to adjust the size of the louvre panels to the size of the tiles.

### Glazing

Louvres consist of single glazing panels.

We will carry out the structural calculations for the glass for each project and design the structure accordingly.

### Types of glass:

- RAL colour applied with screen printing (glare protection)
- Silverstar Sunstop T50 neutral or T30 blue solar protection glass (solar protection)

### Cover frame

Surrounding sheet metal flashing frame (e.g. copper) for connection to the roof.

### Roof shading device

Can be used internally and externally, with manual or motorised operation.