



Installation guide  
**Galba by Icopal**



# 1. Setting out the battens **at eaves**

- The first tile batten should be placed in a position to suit the roof pitch and/or type of gutter.
- Typical this is 367mm from the front edge of the fascia board to the front edge of the first tile batten.
- 320mm if you do not use eaves closure.
- Then fix the other battens working from the bottom of the rafter, at 370mm spacings from front lower face of batten to front lower face of batten .

Rafter Centres	Batten Size (recommended)
450mm	38mm x 25mm
600mm	50mm x 25mm
900mm	50mm x 50mm
1200mm	50mm x 50mm



## 2. Start laying the **tiles**

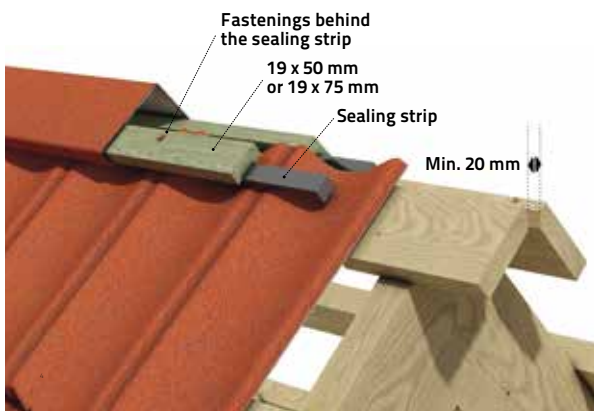
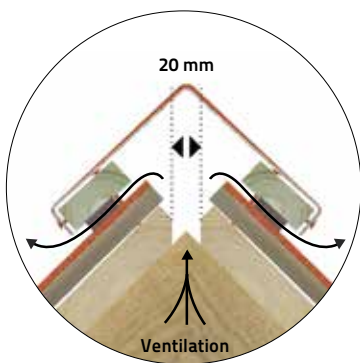
- Galba by Icopal tiles can be laid from left to right or right to left but for the best appearance lay laps away from the principle line of sight.
- Lay the tiles starting at the batten below the ridge.
- When you have laid several courses (laying one under the other, by lifting the nose of a tile and tucking the next tile under) start nailing with nails, 3 per tile at laps and every other pan.
- Nail tiles through the nose.
- For technical and aesthetic reasons the row should be staggered by 3/6 elements every second row.

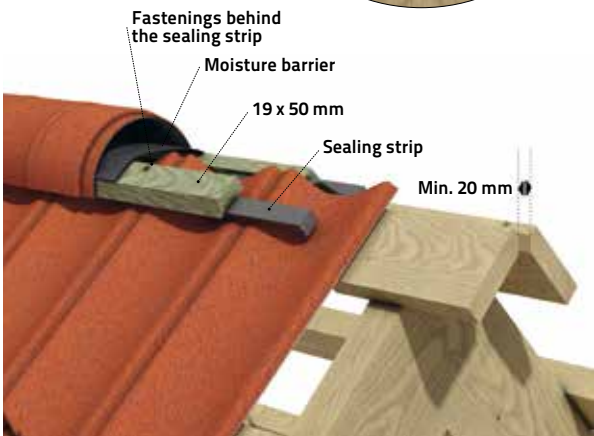
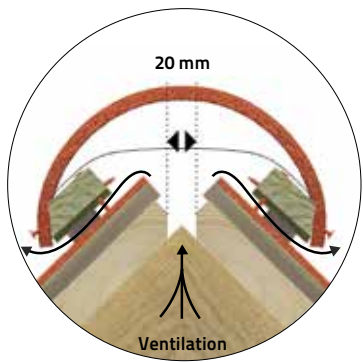


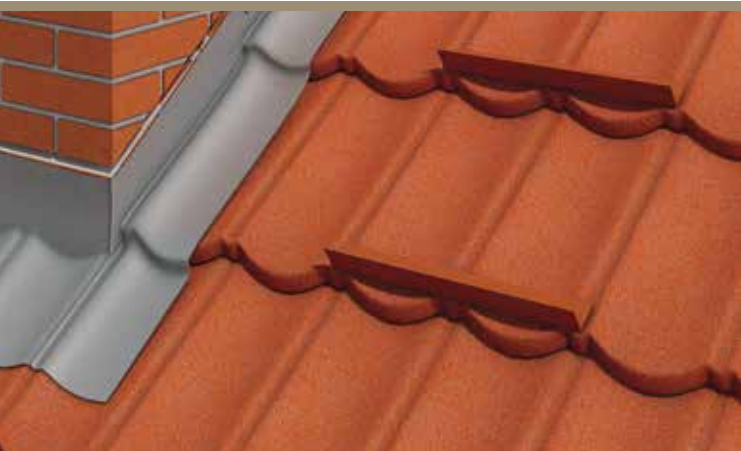
# 3. Installing the Ridge

## 3 module C- Round ridge and V- 12cm ridge

- Fix two tile battens either side of the ridge – see illustration for both round ridge and V-ridge.
- Round ridge and V-ridge to be nailed through the downturn of the ridge.
- After completion of roof, cover these nail heads with finishing kit.

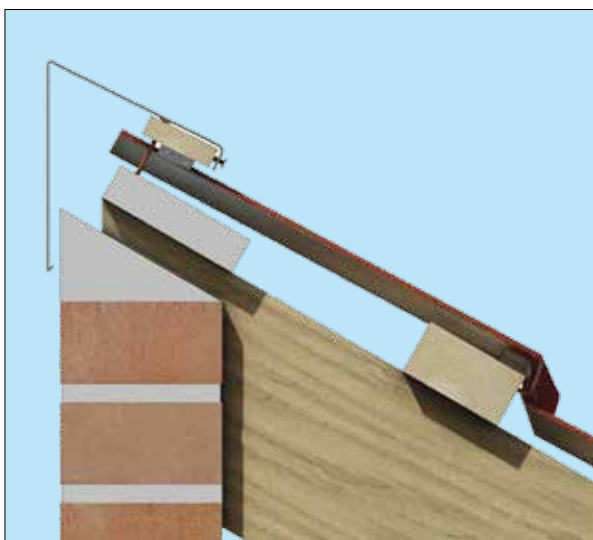






## 4. Monopitch **ridge**

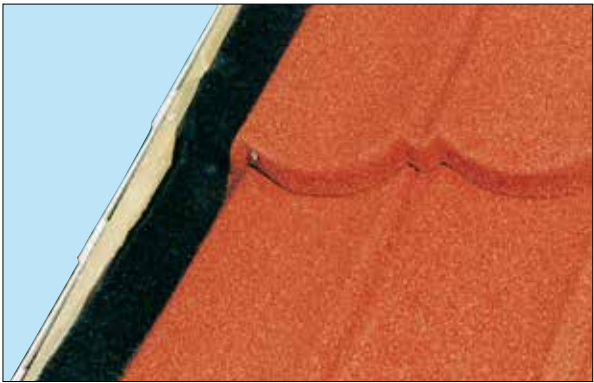
- The procedure for installing the monopitch ridge is essentially the same as the detail for the ridges.



## 5. **Barge** cover/ **barge** board

- Fix the barge boards in a position where they are 25mm higher than the tops of the tile battens.
- Start off at the eave by nailing a barge cover into position – if necessary fold lower half of front edge of barge cover back up.
- Nail remaining barge covers into position using three nails vertically and three nails horizontally.
- Care should be taken to ensure barge covers are correctly lapped.
- See illustration for use of sealing strip.
- After completion of roof cover the barge cover nail heads with finish kit.



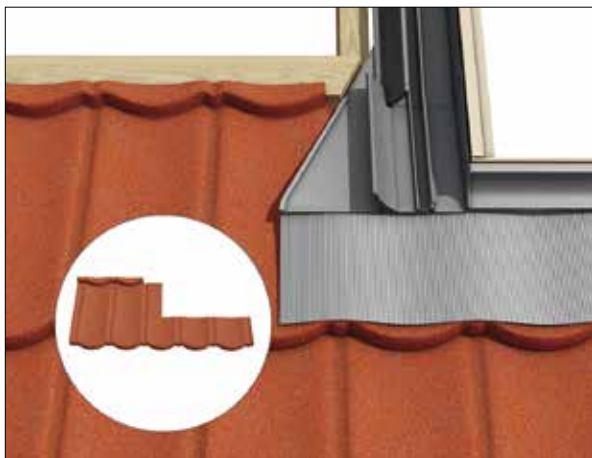




# 6. Installation

## roof window

For Velux and other types of roof windows please follow the instructions from manufacturer.



# 7. Valley

- Lay valley boards flush with rafter level and install valley runner batten to each side of valley.
- Seal the valley between the top edge of the valley gutter and the tile.
- When forming a downturn in the tile avoid the downturned edge of the tile to make any contact with valley surface.



## 8. Chimney flashing



## 9. **Walking** on the roof

When walking on the roof it is strongly recommended that installers should wear soft-soled safety shoes. Your weight should be concentrated in the pan of the tiles.

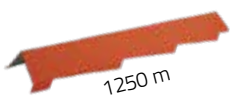




# 10. Bending and cutting

- First flatten down turn of the tile corner (front edge).
- Offer tile into jaws of bender.
- Keeping foot pressed fully on peddle bend tile in upward direction to a full 90° - forming upturn.
- Apply controlled pressure to the blade and with left hand control guide of tile against cutting blade.



# 11. Accessory

 <p>1250 m</p>	 <p>1250 m</p>
<b>V-ridge</b>	<b>Barge cover LH and RH</b>
 <p>450 m 1250 m</p>	
<b>Flat sheet</b>	<b>2M75 roof tile vent</b>
 <p>1,200 m</p>	
<b>3-module round ridge</b>	<b>Nails</b>

# 12. Tools



**Large bending machine**



**Small bending machine**



**Decra Guillotine**



**Hand cutter**



**Hand bender**



**Round hammer**



**Icopal sprl**

Z.I. des Haut Sarts  
Rue de Hermée 186  
B-4040 Herstal  
België

