

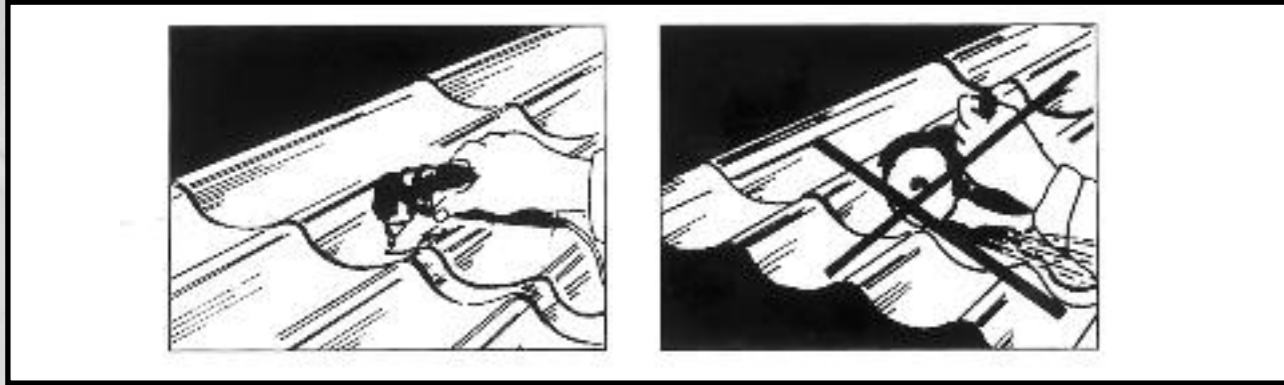
**THE CUTTING**

If cutting is required, it is now done with tools that have a slow cut, to avoid damaging the coatings and retain their protection. Hand shears, punching machines, hacksaw with fine teeth, nibblers ....are used

The use of grinding discs and other high-revolution tools must be avoided.

Cleaning: Leftovers and metal shavings from cutting are done away with by a soft brush.

Further coatings and retouching: Possible damage or scratches from fitting can be mended with Gusclad colour-repair (available on request). Corrosion is excluded in any case through the alu-zinc protection.



**ROOFING ACCESSORIES**

<p><b>BARGE PLATE</b> Length 2-3m</p>	<p><b>SIDE FLASHING</b> Length 2-3m</p>	<p><b>END CAP</b> Ridge Plate (B)</p>	<p><b>BARGE PLATE</b> Length 2-3m</p>
<p><b>MONO RIDGE</b> Length 2m-3m</p>	<p>Ridge Plate (A)</p>	<p><b>RIDGE PLATE</b> Length 2m-3m</p>	<p><b>EAVE PLATE</b> Length 2m-3m</p>
<p><b>STRIPSEAL (Ridges/eaves)</b> Length 1070</p>	<p><b>VALLEY TRAY</b> Length 2m-3m</p>	<p><b>TOP FLASHING</b> Length 2m-3m</p>	<p><b>FIXING SCREWS</b> Length 35mm-22mm</p>



**Tile Sheets**

**SPECIFICATIONS**

**Material** : Galvanised/Alu-zinc, coated steel

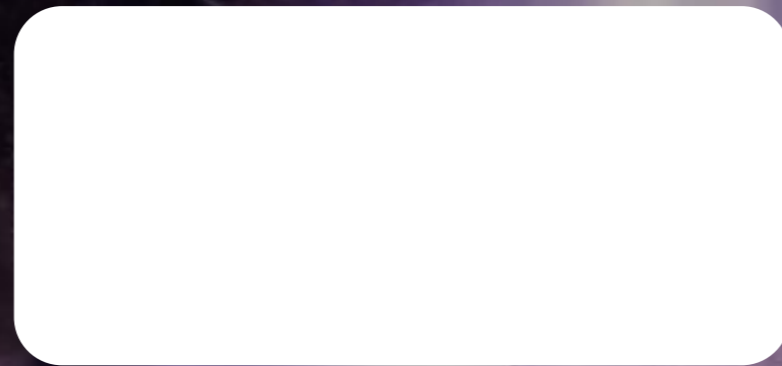
**Coat** : 200 microns Plastisol leather grain

**Weight** : 5kg/m2 - Covering width : 1070mm

**Sheet thickness** : 0.5mm

**Standard colours** : Black, Vandyke Brown, Slate Blue, Chestnut Red and Olive Green

**Sheets are manufactured to customers requirements in length from 1.05mtrs to 8.5mtrs.**



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## GUSCLAD TILE SHEETS

A lightweight steel sheet with the appearance of traditional roof tiles.

Our tile sheets are manufactured from 0.5mm galvanised/Alu-zinc coated steel, with 200 microns of corrosion resistant plastisol. This means our tile sheets are 1/10 of the weight of concrete tile and 1/3 that of slates.

Top Layer Plastisol 200um  
Priming Layer 12um  
Passivation Layer  
Alu-zinc  
Steel  
Alu-zinc  
Passivation Layer  
Inner Layer



### Your Advantages

- 20 year guarantee
- easy installation
- low weight
- optical improvement of your building
- no noise
- convincing quality
- in one piece from ridge to gutter

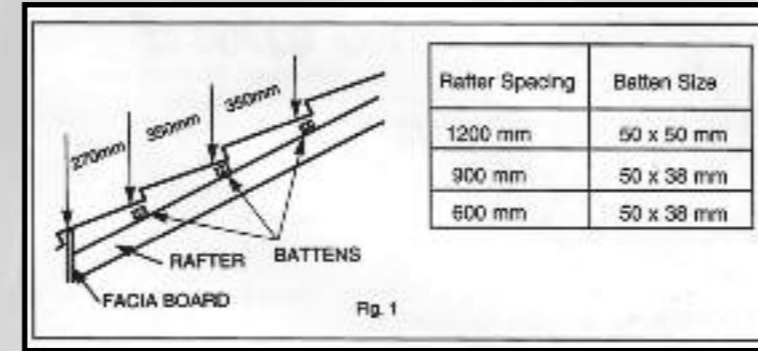


### 1. GRADIENT

Roof tile sheets are well suited to all roofs from 4 degrees up to vertical.

#### Battens

Tilesheets are secured to the roof by fixing into timber battens (see fig1, batten sizes and spacing) batten spacing is measured from the front face of the first batten. all other battens are spaced as per sketch,



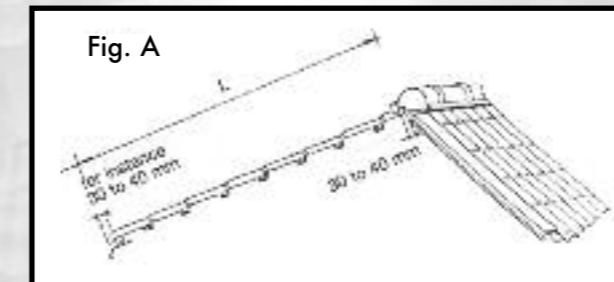
NOTE: Facia board is 15mm higher than battens

#### Underlay/Roofing Felt

The roofing felt must meet the requirements of BS 747 :1977 SPECIFICATION FOR ROOFING FELTS or it must be covered by an Agreement Certificate and be fitted in accordance with that certificate.

### 2. TAKING MEASUREMENTS

One measures the distance between the upper and the lower side of the roof (see fig.A) When laying, the roof tile area comes over the lower edge so that an overlap occurs over the gutter.

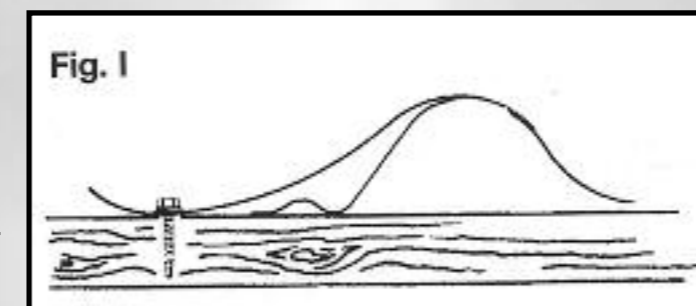


The upper roof tile area remains somewhat under the upper edge of the roof. The part that is not covered is covered by the roof ridge.

The number of sheets needed will be determined by the actual building width.

### JOINT OVERLAPPING

Our tile sheet is very unique from other examples, because it has both an anti-capillary and water channel. this means that if any water should come in over the groove the canal at the side would lead it away to the gutter.



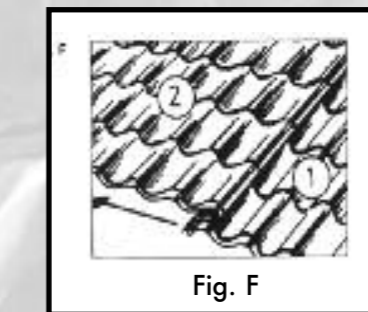
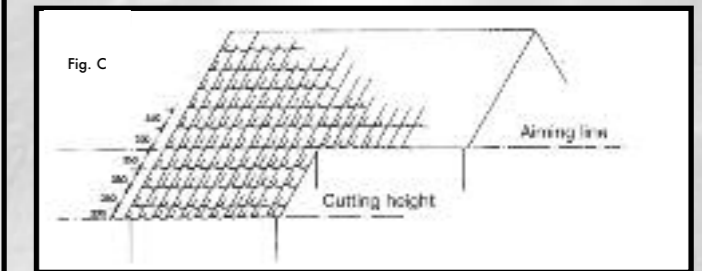
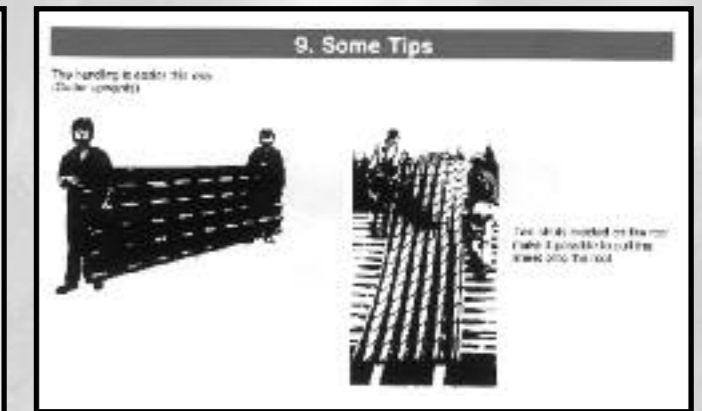
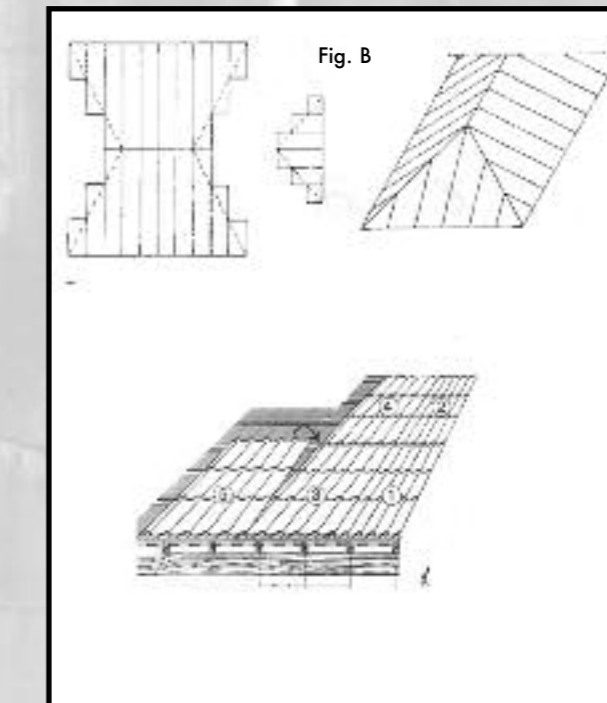
#### Cross roof

Please put forward the plans with the scale for a cross roof (see fig. B) to find out the number and the length of the sheets.  
NB the sheets are always laid vertically from the gutter to the ridge (do not lay horizontally)

In the case of a pent roof:

For an optimal usage of a pent roof the length of the sheets should be a multiple

of 350mm. If the length of the pent roof is not equal to such a multiple the length of the sheets is determined by careful shortening ( to the roof gutter)



### THE LAYING

the laying of Gusclad tile sheets is done horizontally from the gutter below and from right to left (fig.F)

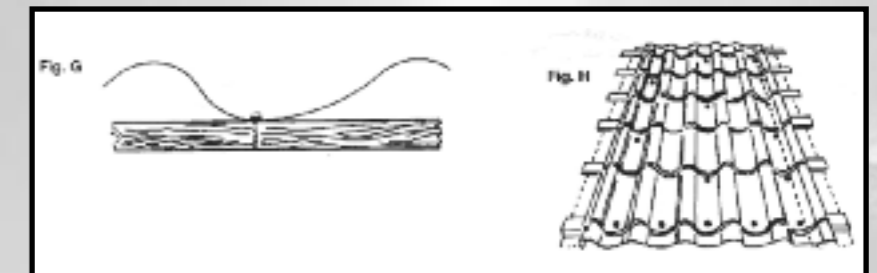
The lower end of the first sheet is displaced 1mm per sheet example: if 12 sheets are to be laid the first sheet should be displaced by 12mm to the lower left

### THE ATTACHMENT OF THE ROOF TILE PROFILES

The attachment of Gusclad tile sheets is done using our self- drilling screws that are delivered concurrently. the screws are fixed in the valley of the wave (fig.G)

Screw in :

- the first row on the gutter end
- the last row on the ridge end
- then several screws over the area, 6 to 8 per m2 (fig H)



Caution: Special attention should be shown to the line of attachment where one sheet overlaps the previous one (Fig, I) A good fixation secures an optimal fit to each other

The screw is correctly attached, if the seal shows 1 to 2mm around the screw (Fig. J)

