

## Roofing sheet Greca



Available colours:



Dark Grey



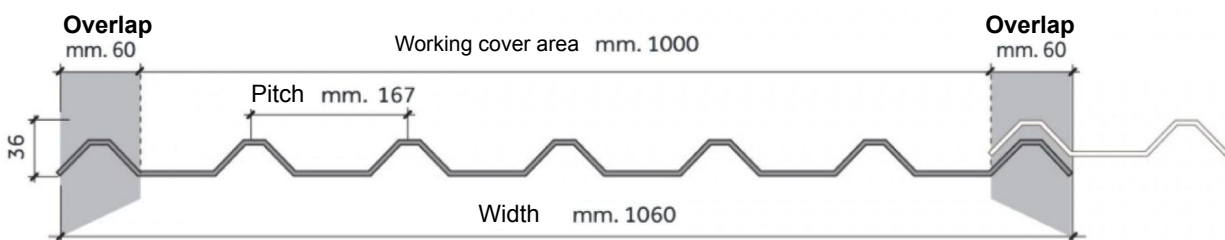
Olive Green



Natural Brick

### STANDARD LENGTHS

| Item     | Colour | Length m | Sheet area m <sup>2</sup> | Weight kg |
|----------|--------|----------|---------------------------|-----------|
| GLF021GS | GS     | 2,10     | 2,23                      | 8,90      |
| GLF021VO | VO     | 2,10     | 2,23                      | 8,90      |
| GLF021TN | TN     | 2,10     | 2,23                      | 8,90      |
| GLF031GS | GS     | 3,10     | 3,29                      | 13,14     |
| GLF031VO | VO     | 3,10     | 3,29                      | 13,14     |
| GLF031TN | TN     | 3,10     | 3,29                      | 13,14     |
| GLF042GS | GS     | 4,20     | 4,45                      | 17,81     |
| GLF042VO | VO     | 4,20     | 4,45                      | 17,81     |
| GLF042TN | TN     | 4,20     | 4,45                      | 17,81     |

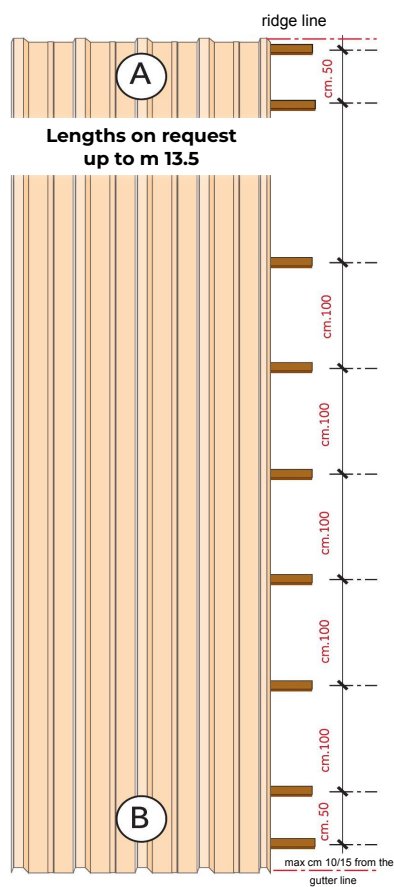


## DIMENSIONAL FEATURES

|                          |            |
|--------------------------|------------|
| Width mm                 | 1060 ± 5   |
| Working width mm         | 1000 ± 5   |
| Pitch mm                 | 167        |
| Profile height mm        | 36         |
| Thickness mm             | 2,00 ± 0,2 |
| Weight kg/m <sup>2</sup> | 4,00 ± 5%  |
| Underside colour         | Beige      |
| Maximum loading at 18°C* | kg 200     |

\* With a distance between fixings of **1200 mm**.

The load is applied on the roofing sheet centre and spread out on the entire width

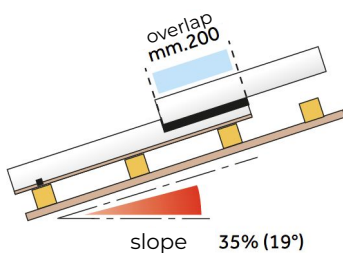
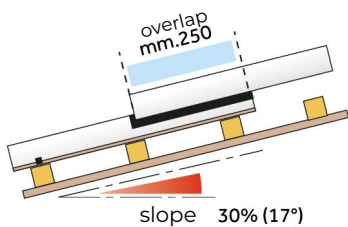
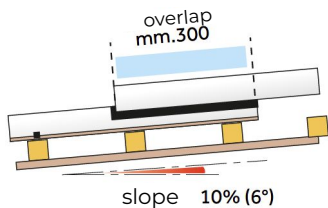


## FRAMEWORK AND PURLINS

In a framework purlins are parallel to the gutter line and purlin spacing allows Greca sheets to bear appropriate breaking loads. The breaking load of Greca sheets is mentioned among the technical features of every model. If you follow technical instructions, you will be able to assemble durable roofings.

We recommend you to install Greca sheets on frameworks with a maximum purlin spacing of cm 100. For the best possible shock resistance the first fixing must be put 10-15 cm away from the gutter line, the second at cm 50 from the first one and the last one at cm 50 from the ridge line (see drawing).

Greca sheets can be used also for wall covering: in this case, the minimum overlap is of mm 100. The overlap has to be fixed on a purlin and each wave has to be fastened with washers.



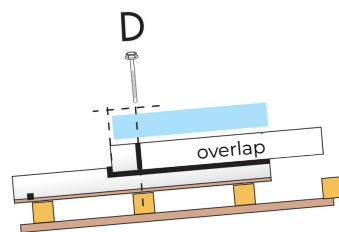
## SLOPES AND OVERLAPS

Having assessed the pluvial index, you will have to determine the roofing slope. If the inclination is 10%, equal to 6° (minimum slope), the sheet's overlap will be equal to or greater than mm 300. With steeper slopes, the overlap can be reduced up to a minimum of mm 20. The overlap is calculated in order to prevent infiltrations caused by rain and a high wind.

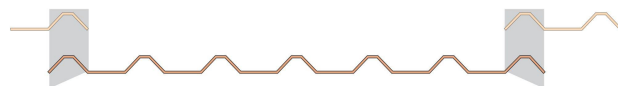
In case of steeper slopes, the overlap area must vary according to the inclination, so that, in the event of heavy rainfall and strong wind blowing towards the ridge line, the storm water does not flow back into the overlaps.

## FIXING THE OVERLAPS

The overlapping must be made on the purlins and the overlapped sheets must be fastened on every wave. After determining the slope and the overlap length, it is necessary to pierce the holes for the fasteners at a maximum distance of mm 60 from the edge of the overlapped sheet (see drawing).

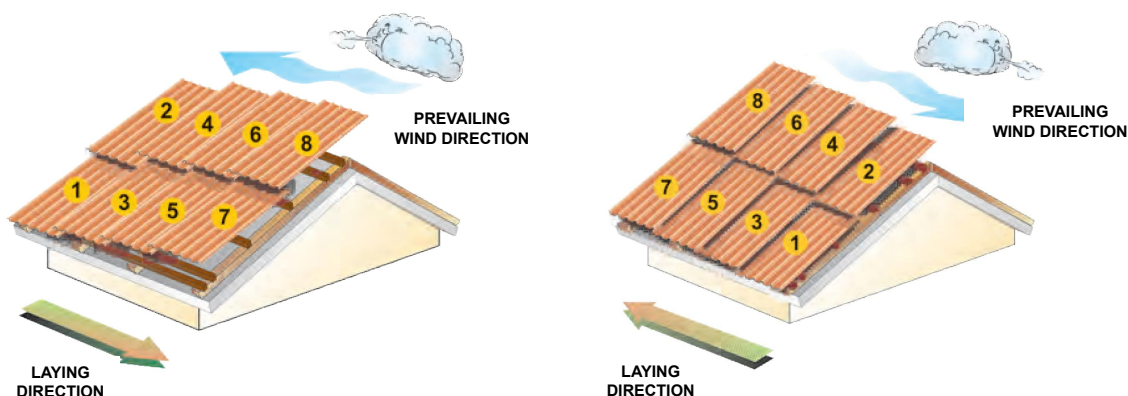


Thanks to the design of the waves, the Greca sheet is suitable for both left to right and right to left installation.



## SHEETS LAYING DIRECTION

The right laying sequence depends on the local prevailing wind direction (see drawings).



Laying instructions:

| ADVISABLE DISTANCE | MINIMUM SLOPE | LAYING SEQUENCE |
|--------------------|---------------|-----------------|
|                    |               |                 |

### Material:

Technopolymer

### Features:

The layered polymer alloys used to make the sheet give the product resistance, lightness and elasticity, essential for roofing sheets

### Use:

Suitable for roofing industrial sheds, warehouses and hangars and for the vertical infill of any building. The product is the ideal solution for small building roofs (boxes, pergolas, bungalows) and for DIY

