




LIGHTWEIGHT TILES LTD



THE LIGHTWEIGHT ROOFING SYSTEM



Lightweight tiles...

All of our roofing products are manufactured using an environmentally friendly production process. We employ recycled materials and combine them with a composite base. The coated tiles have a natural stone granulate for a long lasting finish.



Roofing Tile
118cm x 36cm
2mm thick



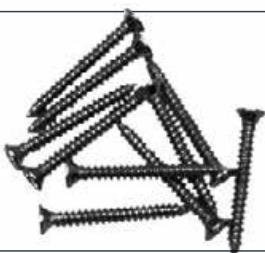
Round Ridge
Length: 40cm
Width: ±15cm
Height: ±8cm
Usable surface: 36cm



End Cap
Fits over the end of the ridge tile and forms a perfect seal



Flashing
Length: 111cm
Width: 10.7cm
Height: 12cm
Usable surface: 94cm



Plastic Coated Screws
(Also available colour coded)
40 x (4.0 x 45)

This roofing system is made from recycled polymer, resulting in an incredibly tough, durable, lightweight roofing solution.

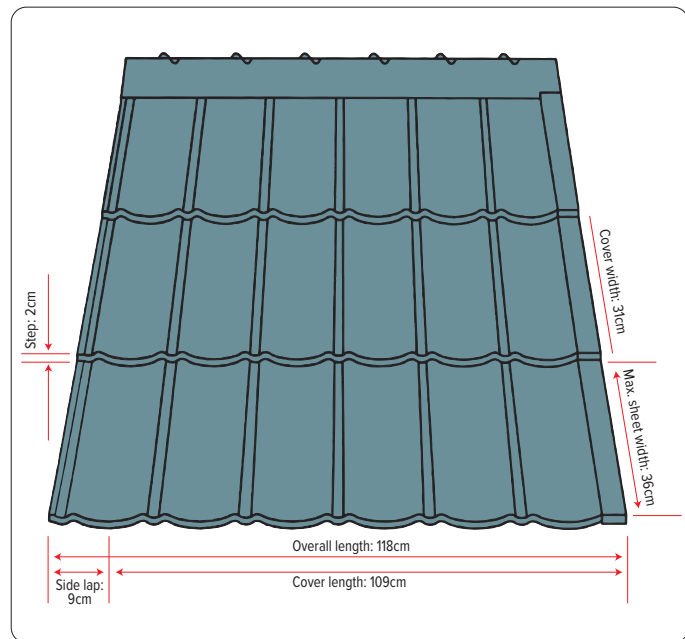
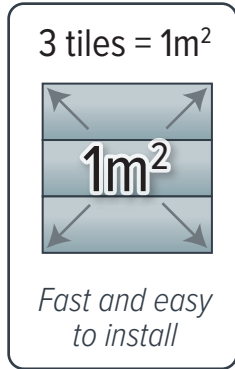
KEY FEATURES:

- Ultra lightweight - *only 6kgs per m²*
- Fast and easy installation
- Able to be installed from a roof inclination of 10°
- Easy to saw and cut
- Mountable from 8°C to 50°C
- Fully weather resistant to -20°C
- UV resistant and colour fast
- Excellent sound absorption
- Non corrosive
- Good thermal insulation
- Durable
- Guaranteed for 25 years



TECHNICAL DATA

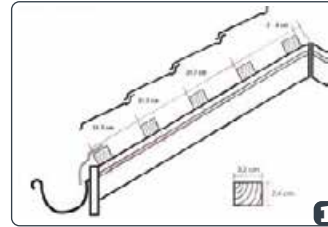
Min pitch	10°
Max pitch	85°
Overall length	118cm
Cover length	109cm
Side lap	9cm
Overall width	36cm
Cover width	31cm
Step	2cm
Weight	2.0kg
Top coat	Stone granulate
Water absorption	ISO62 <0.5%
Durability	96 hours 95°C 95% R.H.
Fixing	3 Screws per tile



See our website for a video showing the strength and durability of our product.

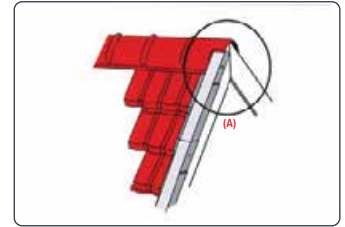
Lightweight Tiles are designed to be easy to fit, and can be installed by anyone with a basic DIY knowledge and a few tools. Simply follow these instructions and you should have no problems.

Please take all relevant safety precautions when working on roofs and wear gloves/goggles where appropriate.



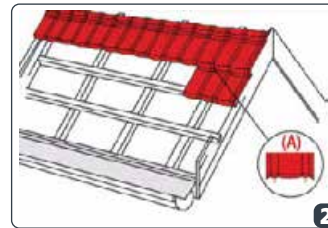
Place the battens at 31.7cm (12.5") apart. There is a small degree of tolerance +/- 0.5-1cm. Battens are ideally 2"x 1" (the 2" part to be flat). 1"x 1" battens can be used too as long as the same size is used for the whole job. The top batten must be 2-4cm from the roof ridge; this will allow the ridge to be fixed.

Tip: Always take 2 tiles and connect them together to make sure your batten spacing will be correct.



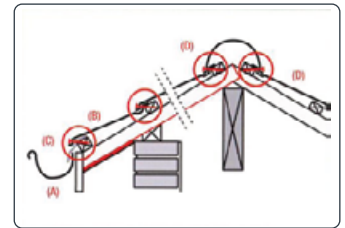
After all the tiles have been laid, finish off the gables with **end caps**. The edges (verges) of the roof line have to be finished by using the separate fittings known as **flashings** or **verge caps**, available in left and right hand. Each flashing will cover 3 tiles down (usable surface 94cm).

(A) Flashing left or right.



Lay the tiles from either the top or the bottom according to where you want to make the final cut; keep in mind if the cut is made at the top this can be hidden by the ridge tile. (Start the next row with the remaining section of the last tile. Make sure that the profiles are aligned).

(A) Always insert the screws in the overlap - about 4 per tile.

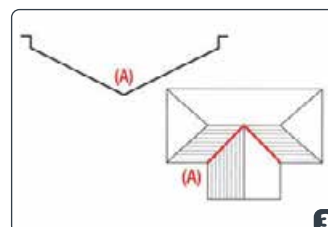


Order of installation:

- (A) Guttering
- (B) Battens
- (C) Bottom drip plate (Eaves Guard)
- (D) Tiles, ridge cap and separate fittings where needed - see our accessories.

All tiles and fittings must be fastened at the bottom with screws.

Tip: Please see our accessories on our website for composite lead and dry verge (for under the ridge tiles).



Where necessary, install eaves guard. Then screw the tiles, making sure they overlap the guttering by 5cm.

(A) Material: Plastic eaves guard.



Our tiles are easy and quick to install using ordinary DIY tools - no special knowledge or equipment required!






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