

# QUINN ROOFTILES

## WESTERN SLATE

Quinn Rooftiles are manufactured to the latest European standard BS EN 490. Every Tile produced carries with it the Kitemark seal of approval that confirms our products outstanding quality and appeal. Quinn Rooftiles have sustained investment to manufacture Rooftiles of outstanding quality, character and style.

### Description

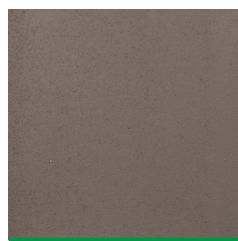
This is our original flat, smooth surfaced interlocking tile. This is available in multiple colours and is the obvious choice for a traditional appearance, the westerns uniform appearance is enhanced by a broken bond laying pattern.



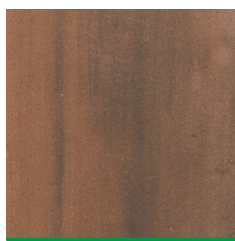
Graphite



Clay Red



Turf Brown



Rustic Mix



Slate Grey

### Packaging

No. of tiles/pallet - 192

### Fixings

For a full range of fixing alternatives and requirements please refer to BS 5534

|               |   |
|---------------|---|
| Nails         | 50mm x 3.35mm alloy ringshank   |
| Batten Fixing | Standard Western Slate Range Tile Clip  |
| Eave Fixing   | Standard Western Slate Eave Clip  |
| Verge Fixing  | Standard Western Slate Verge Clip - Mortar bedding on mineral fibre strip.<br>Quinn dry verge system (individual units) |

### Technical Properties

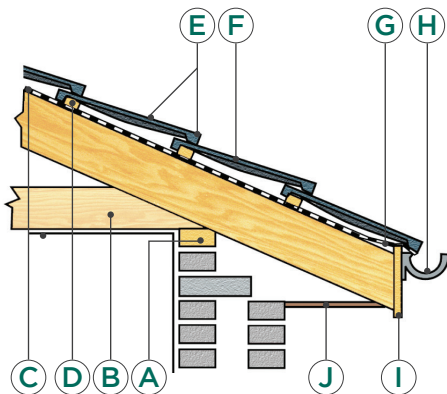
|                           |   |         |                          |         |
|---------------------------|---|---------|--------------------------|---------|
| Size                      | 420mm x 334mm   |         |                          |         |
| Minimum Pitch             | 17.5°   |         |                          |         |
| Maximum Pitch             | 90°   |         |                          |         |
| Headlap (min/max)         | 17.5° - 22.5°   |         |                          |         |
|                           | 100mm (min)<br>140mm (max)  |         |                          |         |
|                           | above 22.5°   |         |                          |         |
|                           | 75mm (min)<br>140mm (max)   |         |                          |         |
| Maximum Gauge             | 345mm   |         |                          |         |
| Linear cover              | 300mm - 302mm   |         |                          |         |
| Covering Capacity         | Headlap   | Gauge   | No. Tiles/m <sup>2</sup> |         |
|                           | 75mm  | 345mm   | 9.7                      |         |
|                           | 100mm   | 320mm   | 10.4                     |         |
| Surface                   | Smooth  |         |                          |         |
| Weight (approx.)          | at 320 gauge 52kg/m <sup>2</sup>  |         |                          |         |
| Weight (approx.)          | 5 tonnes per (1,000 tiles)  |         |                          |         |
| Nominal Batten size (mm)* | Rafter Centres (mm)   |         |                          |         |
|                           | UK  |         | ROI                      |         |
|                           | ≤450  | 451-600 | ≤400                     | 401-600 |
|                           | 38x25   | 50x25   | 50x36                    | 50x36   |
| Battens required (nett)   | 3.1 metre/m <sup>2</sup><br>(at 320mm gauge)                                  |         |                          |         |
| Abutment                  | Secret Gutter (cover Flashing)  |         |                          |         |
| Eaves                     | Standard Tile   |         |                          |         |
| Ridge/Hip                 | 457mm angle type, Ridge Tile butt-jointed                                     |         |                          |         |
| Valley                    | Open metal valley / Open trough valley lead lining (or other approved lining) |         |                          |         |

\* Note: Refer to National Standard

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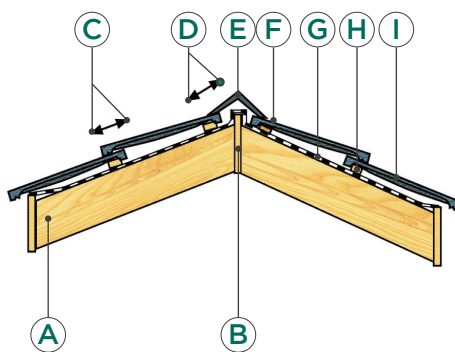
## WESTERN SLATE

EAVES DETAILS



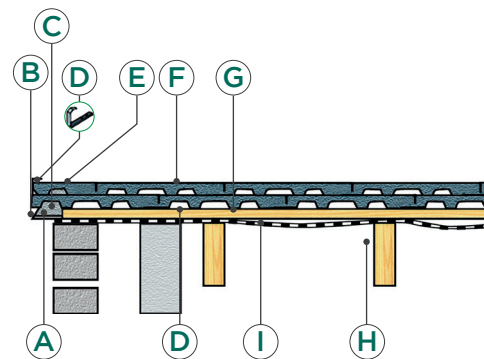
- A Wall Plate
- B Ceiling Joist
- C Underfelt carried into Gutter
- D Battens at Max 345 Gauge
- E Min 75mm Headlap
- F 420x334mm Standard Tile
- G Angle Fillet
- H Gutter
- I Fascia
- J Soffit with Ventilation Holes

SECTION THROUGH RIDGE



- A Rafter
- B Ridge Tree
- C Min 75 Headlap
- D Min 75 Headlap
- E Angle Ridge Tile
- F Continuous Edge Bedding
- G Under Felt
- H Battens (to suit rafter centres) at Max 345mm Gauge
- I Standard Tile

BEDDED AND CLIPPED VERGE



- A 115mm Undercloak
- B 38-50mm Overhang
- C Mortar Bed
- D Stainless Steel Verge Clip
- E Left Hand Verge Tile
- F 420x334mm Standard Tile
- G Batten
- H Rafter
- I Underfelt

### TILES

The roof is to be covered with WESTERN SLATE flat tiles as per sample approved and laid in even courses of not more than 345mm gauge and not less than 75mm headlap. The tiling is to be broken bonded.

### BATTENS

Approved quality softwood tiling battens to be laid to the correct gauge determined by the roof pitch (see Technical Information). The joints of the battens should always meet half way across top of rafters. See overleaf for Batten sizes.

### VALLEYS

Valley dimensions for roof products should conform to the minimum recommendations show in figures 4 and 5. of SR 82 and table 11 of B5 5534. Valley should be constructed in accordance with the guidance given in BS 5534 and SR 82..

### UNDERLAY

Underlay should have adequate resistance and stiffness against wind uplift loads, and the roof designed so that when uplift occurs there is no contact with the underside of the tile. Suitability of the type of underlay will depend on factors such as roof pitch and whether it is supported or unsupported.

### VERGES

Where the verge is to be wet bedded, the fibre cement undercloak should be laid and fixed (rough side up) to give the required overhang and should be a minimum 150mm wide. On masonry walls the undercloak should be bedded in mortar or mastic. On timber rafters/ barge boards the undercloak should be fixed securely with clout nails. A minimum 100mm fully compressed bed of mortar should be laid onto the undercloak for bedding on to. Quinn dry verge systems are a preferred alternative. Two systems are available: continuous and individual units. The fixing instruction should be read prior to installation and strictly adhered to.

### RIDGE AND HIP

The ridges and hips are to be covered with Universal Angle Ridge tiles. The ridge tiles must provide a minimum cover of 75mm over the top course of tiles and fixed in accordance with BS 5534. Hip tiles should be bedded in mortar or laid dry using a proprietary system. Where bedded in mortar, mechanical fixings including hip irons may be required.

### EAVES

Eaves to be formed with standard tiles. The eaves course must be laid at the same pitch as the rest of the roof.

### ABUTMENTS

All tiles located adjacent to the abutment should be fitted or cut close to its face. All tiles at the abutment must be mechanically fixed as perimeter tiles. Flashing and gutter details should be followed as per the national standard in the place of use.