

# Highland

The Highland is a traditional flat roof tile with a mock joint, which gives the appearance of small slates or tiles when they are laid broken bonded.

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| Size        | Weight | Thickness |
|-------------|--------|-----------|
| 418 x 330mm | 5.2kg  | 30mm      |





The Highland is part of The Commercial Range - traditional interlocking tiles in a variety of profiles to provide cost effective solutions.

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Tiles per Pallet  
192

Weight of Pallet  
999kg

Tiles per Band  
32

Weight of Band  
167kg











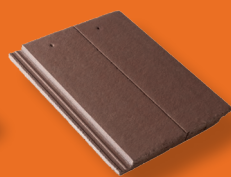
For up to date stock and non-stock colours, and to request a sample, please visit our website:



Slate Grey



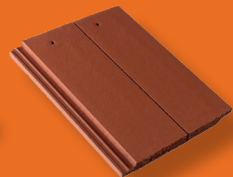
Anthracite



Peat Brown



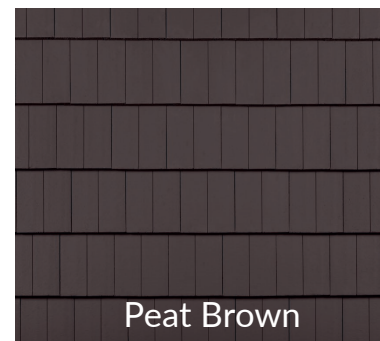
Cottage Red



Terracotta



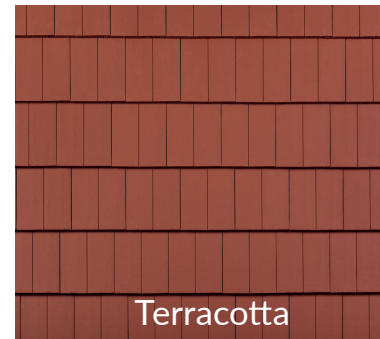
Slate Grey



Peat Brown



Anthracite



Terracotta



Cottage Red

## Technical Data

|                     |   |
|---------------------|---|
| Compliance          | Manufactured to the requirements of BS EN 490 and BS EN 491   |
| Manufacture         | Produced by high pressure extrusion and compaction  |
| Fire                | Non-combustable when tested to BS476: Part 3. 2004 (spread of flame and fire prevention). SAA Classification  |
| Maximum Pitch       | 60°   |
| Minimum Pitch       | 17.5°   |
| Minimum Headlap     | 75mm - 22.5°    100mm - 17.5°   |
| Maximum Gauge       | 343mm   |
| Covering Width      | 298mm   |
| Covering Capacity   | 75mm headlap - 9.8 tiles/m <sup>2</sup> 100mm headlap - 10.6 tiles/m <sup>2</sup>                             |
| Weight of Tiling    | 75mm headlap - 51kg/m <sup>2</sup> 100mm headlap - 56kg/m <sup>2</sup>  |
| Minimum Batten Size | 50 x 25mm (for rafters not exceeding 600mm c/c)   |
| Battens Required    | 343mm gauge - 2.9m/m <sup>2</sup> 318mm gauge - 3.1m/m <sup>2</sup>   |
| Ridge               | Universal Angle, Multi, Half Round, RussFast Ridge 5m (to suit ridge profile)                                 |
| Eave                | Standard Tile, Eaves Vent System 6m   |
| Verge               | 1/4 or 3/4 tile in alternate courses with Commercial Range Dry Verge or mortar bed to meet required standards |
| Hip                 | Universal Angle, Multi, Third Round, RussFast Hip 5m  |
| Valley              | Dry GRP Trough (110mm components) or lead valley in accordance with LSA guidelines                            |
| Side Abutments      | Abutment step and cover flashing with secret gutter or continuous side abutment flashing with secret gutter   |
| Top Abutment        | Top abutment apron flashing or 3m Abutment Vent System and separate apron flashing                            |
| Roof Vents          | Highland Vent Tile or Highland RussVent   |
| Tile Fixings        | 50 x 3.35mm Aluminium Alloy Nails, smooth or ring shank dependent on Fixing Specification                     |



Russell Roof Tiles holds a number of key accreditations which demonstrate our values of quality, sustainability, and local community.

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BES 6001: Issue 3 – Responsible Sourcing of Construction Products

ISO 45001 - Health & Safety Management

ISO 9001 - Quality Management

ISO 14001 - Environmental Management

UKCA - Declaration of Performance

Supply Chain Sustainability School - Gold Status

Member of the RIBA CPD Providers Network