



RUSSELL

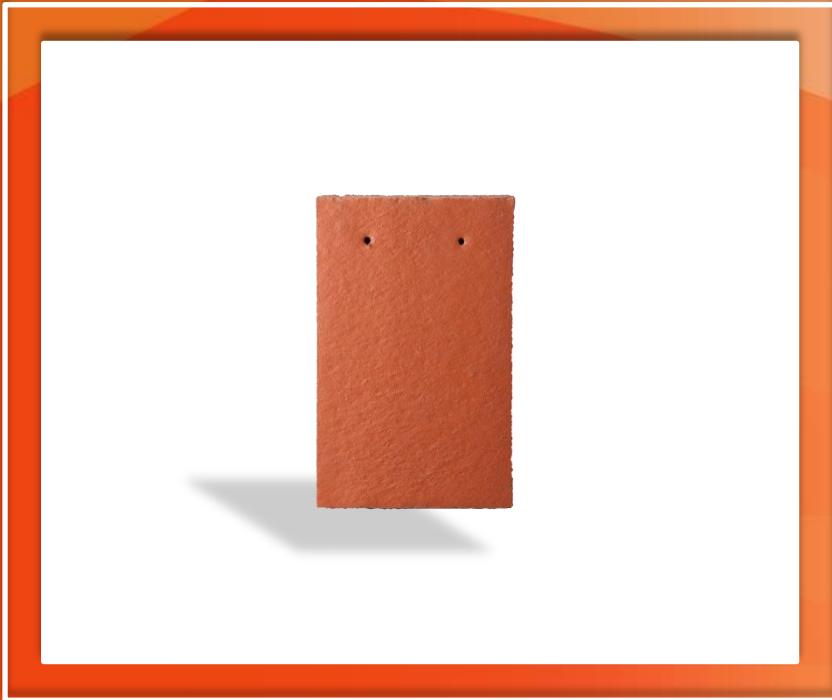
ROOF TILES

Plain

Product Information

www.russellrooftiles.com

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Technical Data 1 of 2

Size	267 x 165mm
Compliance	Manufactured in accordance with the requirements of BS EN 490 "Concrete Roof Tiles and Fittings-Product Specifications" and BS EN 491 "Concrete Roof Tiles and Fittings-Test Methods"
Manufacture	Produced by high pressure extrusion and compaction
Fire	Non-combustible when tested to BS476: Part 3.2004 (spread of flame and fire penetration). SAA Classification
Guarantee	Tiles are guaranteed for a period of 60 years from the date of supply (subject to the normal terms of guarantee)
Maximum Pitch	90° (subject to fixing specification)
Minimum Pitch	35°
Headlap (minimum)	65mm
Gauge (maximum)	100mm
Covering Width	165mm
Covering Capacity (net)	100mm Gauge – 60 Tiles/m ² 95mm Gauge – 64 Tiles/m ² 90mm Gauge – 68 Tiles/m ²

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Technical Data 2 of 2

Weight of Tiling	100mm Gauge – 78kg/m ² (approx) 95mm Gauge – 83kg/m ² (approx) 90mm Gauge – 88kg/m ² (approx)
Weight per 1000 tiles	1.3 tonnes (approx)
Batten Size (minimum)	38 x 25mm (for rafters not exceeding 600mm c/c nailed to BS5534)
Battens Required	100mm Gauge – 10.0m per m ² 95mm Gauge – 10.5m per m ² 90mm Gauge – 11.3m per m ²
Top Course	Single course of eaves/tops tiles
Ridge	Universal Angle Ridge, Multi Ridge and Half Round Ridge Feature Ridge Tiles or Finials, either mortar bedded or Dry Ridge System (ventilated or unventilated) Security Ridge Gas vent Ridge Terminal Soil/Vent Pipe Ridge Terminal
Eave	Eaves/tops tile undercourse
Verge	Tile and a half in alternate courses or cloak verge in alternate courses
Undercloak	150mm wide fibre reinforced cement strip or plain tile to provide 38-50mm overhang
Hips	Bonnet Hip Tiles (35°-50°), Arris Hip Tiles (35°-40°) or Third Round Ridge Tiles
Valleys	Purpose made Valley Tiles (35° -50°) or Open Metal Valley or GRP Dry Valley