

## Data sheet

## LINCOLN



Clay interlocking pantiles combines the bold and beautiful curves of traditional clay pantiles with all the installation simplicity and speed required for today's roofs.



Rustic Red (smooth finish)



Red Smooth (smooth finish)

## TECHNICAL DATA

Tile design	Lincoln Clay Interlocking Pantile
Colours	Rustic Red (MAKE731AB) Red Smooth (MAKE730AB)
Size of tile	375mm x 250mm
Minimum pitch*	22.5° (75mm headlap) (100mm headlap*)
Maximum pitch	70°
Minimum headlap	75mm
Maximum gauge	300mm
Cover width	224mm (nominal)
Covering capacity (net)	75mm headlap - 14.9 tiles/m <sup>2</sup> 100mm headlap - 16.2 tiles/m <sup>2</sup>
Weight of tiling (approximate)	75mm headlap - 46.2kg/m <sup>2</sup> 100mm headlap - 50.2kg/m <sup>2</sup>
Tile Weight	3.1 kg
Battens required (net)	75mm headlap - 3.4 lin.m/m <sup>2</sup> 100mm headlap - 3.7 lin.m/m <sup>2</sup>
Recommended batten size (fixed to BS5534)	38mm x 25mm for rafters/supports not exceeding 450mm centres 50mm x 25mm for rafters/supports not exceeding 600mm centres
Tile nails	38mm x 3.35mm
Fixing clips	Eaves, verge and tile clips
Authority	BS EN 1304
Tile thickness	15mm (nominal)
Tile profile depth	48.3mm (nominal)
Quantity per pallet	396

\* The minimum recommended pitch and lap may be influenced by special circumstances, please contact the Technical Advisory Service.



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### VENTILATION

Ventilation	25mm eaves/low level ventilation (MA46351) Warm roof 10mm eaves/low level ventilation (MA46350) Cold roof Universal Ridgefast system (MA53300) Warm/cold roof Universal HipFast system (MA53400) Warm roof/cold roof Lincoln Vent Tile (TBC)  Flexible pipe (MA39091)
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### BASE LAYERS

Underlay	Universal vapour permeable underlay (MA33150) Universal non vapour permeable underlay (MA33145)
Batten (fixed to BS5534)	JB red - 38mm x 25mm for rafters not exceeding 450mm centres JB red - 50mm x 25mm for rafters not exceeding 600mm centres

### VERGE

Verge	Verge clips and nails (MA30284 RH/MA30286 LH)
Undercloak - mortar bedded	Plain tile undercloak - 38mm - 50mm overhang Fibre cement undercloak - 38mm - 50mm overhang

### EAVES

Eaves	Universal 25mm eaves/low level ventilation (MA46351) Warm roof Universal 10mm Eaves/low level ventilation (MA46350) Cold roof Eaves clip (MA30452), Eave clip nails (MA30455)  Comb filler strip (MA30425)
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### ABUTMENTS

Side abutment	FlexFast lead replacement roll (MA42610/MA42611) FlexFast trim (MA42345)  Lead step and cover flashing in accordance with the LSTA1 guidelines
Top edge abutment	FlexFast - lead replacement roll (MA42610/MA42611) Trim (MA42345)  Lead flashing in accordance with the LSTA** guidelines

### RIDGES

Ridge - dry fix	Universal Ridgefast system (MA53300) Warm/cold roof RidgeFast/HipFast union pack 6 No. (MA53303) 100mm x 4.8 deep ridge screw pack (MA70000)  Block end 450mm ridge
Ridge - mortar bedded	450mm Clay half round ridges - Red Smooth (MAKE730ZHRFB) Rustic Red (MAKE731ZHRFB) Mortar bedded security ridge fixing kit (MA54365) Dentil slips (MAKE730ZDENB)
Mono-ridge - mortar bedded	Segmental/Modern mono pitch ridge tile* Mechanical fixing via 2 screw holes to rear of tile

### HIPS AND VALLEYS

Hip - mortar bedded	450mm Clay third round hip - Red Smooth (MAKE730ZTRFB) Rustic Red (MAKE731ZTRFB)  Mortar bedded security ridge fixing kit (MA54365)
Hip - dry fix	Universal HipFast system (MA53400) Warm roof/cold roof HipFast support trays (MA34002)  RidgeFast/HipFast union pack 6 No. (MA53303)
Valley	Universal GRP dry valley - high profile 35°-60° (MA30421) Lead valley - in accordance with 1LTA guidelines
Bonding gutter	Bonding gutter - high profile (MA40471)

### FIXINGS

Fixings	Due to several factors including, but not limited to, location and building design, a bespoke roof fixing specification must be obtained.  All perimeter tiles must be twice fixed in accordance with BS 5534
Clips	Lincoln Solofix clips  Verge clips and nails (MA30284 RH/MA30286 LH) Eaves clip (MA30452)  Eaves nail pack (MA30455) Secret cut tile clip (MA43607)
Nails	38mm x 3.35mm (MA30349)  If in a coastal location, stainless steel nails and fixings may be required



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### OTHER

Sustainability	A+ rated in the BRE green guide
	BES 6001 Responsible sourcing certified Carbon footprint measurement
	Clay EPD - Coming Soon
Authority	BS EN 1304
British Standards	BS 5534 – Slating and for pitched roofs and vertical cladding – code of practice BS 5250 – Code of practice for control of condensation in buildings
	BS 8000-6 – Workmanship on building sites – code of practice

### NOTES

Some product codes have been published, if you require a code which is not present, please contact our technical team on 01283 722330

This publication is based on the latest data available at the time of printing. Due to product changes, improvements and other factors, the company reserves the right to change or withdraw information contained herein without prior notice. For specific applications users should refer to the technical advisory service and relevant standards and codes of practice for guidance. The photography shown in the document should not necessarily be taken as recommendations of good practice. The printing process restricts the exact representation of colours. For true colour reference, please request product samples.

\* Concrete ridge can be used where clay ridge is not available.

\*\* LSTA – The Lead Sheet Training Academy



## Tell me more

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