

Technical Information

Rathmore and Devenish



Size		420mm x 334mm
Minimum Pitch		22
Maximum Pitch (without special fixing)		44
Headlap (min/max)	17.5 - 22.5	120mm (min) 140mm (max)
Headlap (min/max)	above 22.5	100mm/140mm
Maximum Gauge		320mm
Linear cover		300mm - 302mm
Covering Capacity (nett at 320mm gauge)		10.4 Tiles/m ²
Surface	Rathmore Devenish	Smooth Riven Textured
Weight (approx.)	at 320 gauge	48 kg/m ²
Weight (approx.)	per 1,000 tiles	4.6 tonnes
Batten size Rafter centres not exceeding 600mm		38mm x 25mm
Battens required (nett)	at 320mm gauge	3.1 metre/m ²

Abutment	Secret Gutter (cover Flashing)
Eave	Standard Tile
Ridge/Hip	457mm angle type, Ridge Tile butt-jointed

CLIPS	
Main Roof	Standard Locherne Tile Clip
Verge	Standard Lakeland Slate Verge Clip
Eave	Standard Lakeland Slate Eave Clip

FIXING

For a full range of fixing alternatives and requirements please refer to BS 5534 : part 1 : 1997

Verge	Bedded with Mineral fibre strip
Nails	45mm x 3.35mm alloy ringshank
No. of tiles/pallet	240

Rathmore and Devenish Model Specification & Fixing Details

TILES

The roof is to be covered with DEVENISH or RATHMORE flat tiles as per sample approved and laid in even courses of not more than 320mm gauge and not less than 100mm headlap. The tiling is to be broken bonded.

UNDERLAY

Approved reinforced roofing felt is to be laid over rafters, lapped 150mm horizontally and 150mm vertically, carried well into gutters, and secured with clout nails. The underlay must drain any moisture into the eaves gutter and be fixed so that no troughs are formed in which water can be trapped. If necessary, full support must be provided.

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.

VERGES

The verges are to be formed with half tiles and full tiles in alternate courses. All verges are to be bedded on a mineral fibre strip. Only very slight tilt is to be given, starting with the third tile from the verge. The 150mm mineral fibre strip is to be butt-jointed and project 38-50mm over gable wall or bargewood.

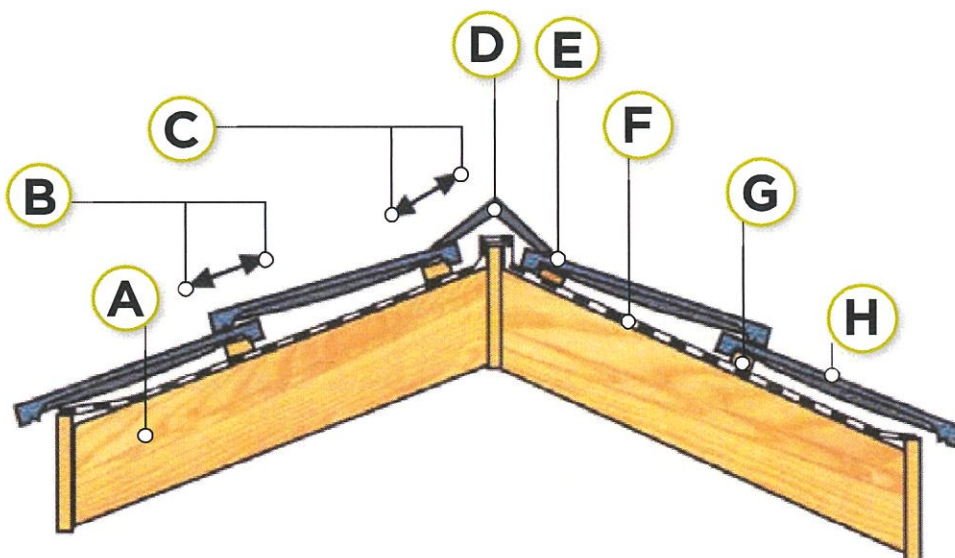
RIDGE AND HIP

The ridges and hips are to be covered with Universal Angle Ridge tiles similar in colour to the main roof and edge bedded in mortar, with solid bedding at butt joints. The ridge tiles must provide a minimum cover of 75mm over the top course of tiles.

VALLEYS

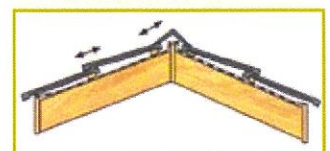
The Valleys are to be formed with lead lining (or other approved lining) supported on valley boarding with tiles neatly cut and bedded on asbestos slate undercloak, leaving 125mm clear channel.

RIDGE



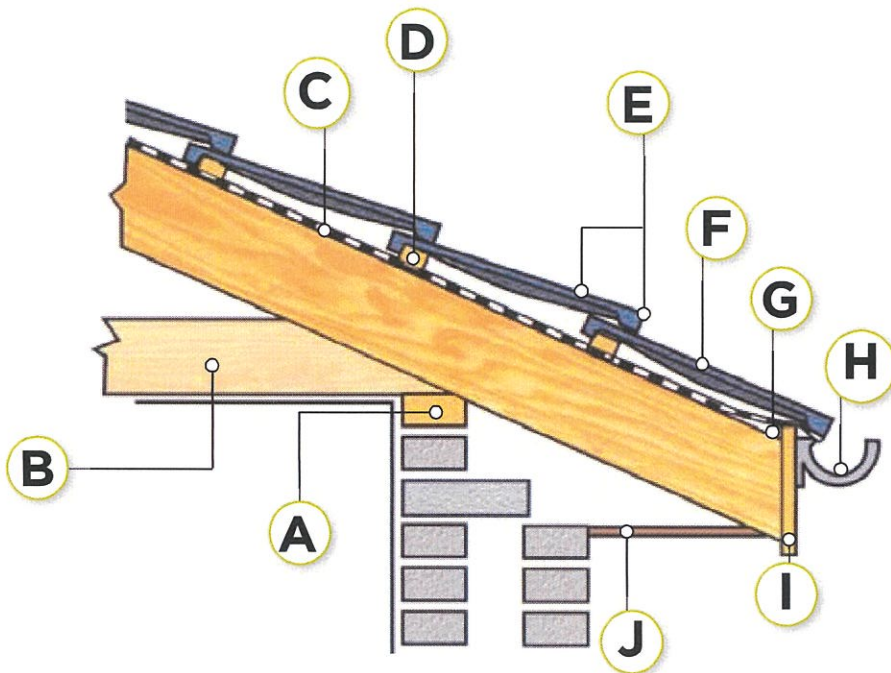
KEY FOR DIAGRAM

- a Rafter
- b Min 75mm Headlap
- c Min 75mm Headlap
- d Angle Ridge Tile
- e Continuous Edge Bedding
- f Under Felt
- g Battens (to suite rafter centres) at Max 345 Gauge
- h Standard Tile



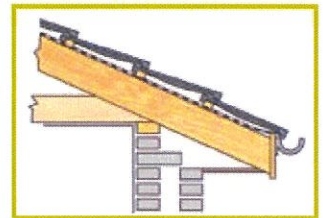
Rathmore and Devenish Fixing Details

EAVES DETAILS

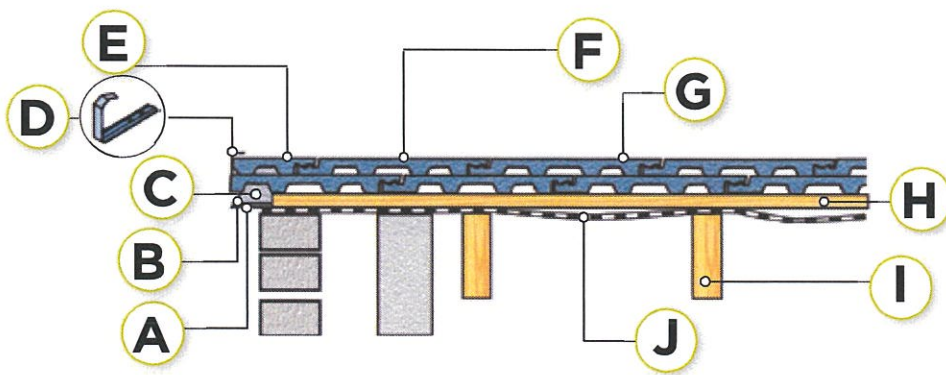


KEY FOR DIAGRAM

- a Wall Plate
- b Ceiling Joist
- c Underfelt carried into Gutter
- d Battens at Max 320 Gauge
- e Min 100mm Headlap
- f 420x334 Standard Tile
- g Angle Fillet
- h Gutter
- i Fascia
- j Soffit with Ventilation Holes



STANDARD VERGE BEDDED AND CLIPPED



KEY FOR DIAGRAM

- a 115mm Undercloak
- b 38-50mm Overhang
- c Mortar Bed
- d Stainless Steel Verge Clip
- e 420x150mm Left Hand Verge Half Tile
- f 420x300mm Left Hand Verge Tile
- g 420x334 Standard Tile
- h Batten
- i Rafter
- j Underfelt

