Builders Guidance Leaflet

Tile and Slate Information

This list has been compiled to help professionals specify the correct tiles for specific pitches of roof from major manufacturers. Please note that it is not an exhaustive list and every care has been taken to ensure that the contents are accurate at the time of production.

Tile/Slate Product name	Max. Pitch	Min. Pitch	Headlap required	Size of Tile/Slate	Covering capacity (Tiles/m²)
Marley Roofing Products – *Interlocking Tiles*					
Malvern	90	17.5 15	75mm – Smooth 100mm – Smooth	420mm x 330mm	9.8 / 10.6 for 75 / 100mm headlap
Bold Roll	90	17.5	75mm – Any Surface	420mm x 330mm	9.7 / 10.4 for 75 / 100mm headlap
Wessex	90	17.5	75mm – Smooth	413mm x 330mm	9.9 / 10.7 for 75 / 100mm headlap
Ludlow Plus	90	25 30 22.5	75mm – Smooth 75mm – Granular 100mm – Smooth	387mm x 229mm	15.7 / 17.1 for 100mm headlap
Ludlow Major	90	25 30 22.5	75mm – Smooth 75mm – Granular 100mm – Smooth	420mm x 330mm	9.8 / 10.6 for 75 / 100mm headlap
Anglia Plus	90	30 30 25	75mm – Smooth 75mm – Granular 100mm – Smooth	387mm x 230mm	15.7 / 17.1 for 75 / 100mm headlap
Double Roman	90	25 30 22.5	75mm – Smooth 75mm – Granular 100mm – Smooth	420mm x 330mm	9.8 / 10.6 for 75 / 100mm headlap
Mendip	90	22.5 30 25	75mm – Smooth 75mm – Granular 100mm – Granular	420mm x 330mm	9.7 / 10.5 for 75 / 100mm headlap

Marley Roofing Products – *Plain Tiles*					
Marlden	90	35	65mm Roof 35mm Vertical	267mm x 168mm	60 / 53 for Roof / Vertical
Thaxden	90	35	70mm Roof 40mm Vertical	270mm x 168mm	60 / 53 for Roof / Vertical
Heritage	90	35	65mm Roof 35mm Vertical	267mm x 168mm	60 / 53 for Roof / Vertical
Plain	90	35	65mm Roof 35mm Vertical	267mm x 168mm	60 / 53 for Roof / Vertical

*LABC represents **L**ocal **A**uthority **B**uilding **C**ontrol in England and Wales.*

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Tile/Slate Product name	Max. Pitch	Min. Pitch	Headlap required	Size of Tile/Slate	Covering capacity (Tiles/m²)
Marley Roofing Products – *Slates*					
Monarch	90	22.5	75mm	325mm x 330mm	13.2 / 14.7 for 75 / 100mm headlap
Marquess	90	22.5	75mm	325mm x 330mm	13.2 / 14.7 for 75 / 100mm headlap
Modern	90	22.5 17.5	75mm – Smooth 100mm – Smooth	420mm x 330mm	9.9 / 10.7 for 75 / 100mm headlap
Mock Bond Modern	90	22.5 17.5	75mm – Smooth 100mm – Smooth	420mm x 330mm	9.9 / 10.7 for 75 / 100mm headlap
Clansman	90	35	70mm – Roof 40mm – Vertically	270 x 168/252/33	Differing on Size
Redland Roofing Systems – *Profile Range*					
Landmark Double Pantile	90	17.5 15	75mm 100mm	418mm 332mm	9.7 / 10.5 for 75 / 100mm headlap
Grovebury	90	17.5 15 30 22.5	75mm – Smooth 100mm -– Smooth 75mm – Granular 100mm – Granular	418mm 332mm	9.7 / 10.5 for 75 / 100mm headlap
50 Double Roman	90	22.5 17.5 30 22.5	75mm – Smooth 100mm – Smooth 75mm – Granular 100mm – Granular	418mm x 330mm	9.7 / 10.5 for 75 / 100mm headlap
Regent	90	17.5 12.5 30 22.5	75mm – Smooth 100mm – Smooth 75mm – Granular 100mm – Granular	418mm x 332mm	9.7 / 10.5 for 75 / 100mm headlap
Renown	90	17.5 12.5 30 22.5	75mm – Smooth 100mm – Smooth 75mm – Granular 100mm – Granular	418mm x 332mm	9.7 / 10.5 for 75 / 100mm headlap
Norfolk Pantile	90	22.5 17.5	75mm 100mm	381mm x 227mm	16.3 / 17.8 for 75 / 100mm headlap
Redland 49	90	25 17.5 30 22.5	75mm – Smooth 100mm – Smooth 75mm – Granular 100mm – Granular	382mm x 226mm	16.3 / 17.8 for 75 / 100mm headlap

Tables and data compiled by East Herts Technical Group.

Tile/Slate Product name	Max. Pitch	Min. Pitch	Headlap required	Size of Tile/Slate	Covering capacity (Tiles/m²)
Redland Roofing Systems – *Plain Tiles*					
Rosemary	90	35	65mm – Roof 35mm – Vertical	265mm x 165mm	60 / 52 for roof / vertical
Heathland	90	35	65mm – Roof 35mm – Vertical	265mm x 165mm	60 / 52 for roof / vertical
Downland	90	35	65mm – Roof 35mm – Vertical	265mm x 165mm	60 / 52 for roof / vertical
Plain Tile	90	35	65mm – Roof 35mm – Vertical	268mm x 165mm	60 / 52 for roof / vertical
Ornamental Tiles	90	40	N/A	Varying	Varying

Redland Roofing Systems – *Slates*					
Cambrian	90	25 15	50mm 75mm	300mm x 336mm	13.3 / 14.8 for 50 / 75mm headlap
Mini Stonewold	90	22.5 17.5	75mm 100mm	418mm 334mm	9.9 / 10.7 for 75 / 100mm headlap
Saxon	90	25	112mm min./ 159mm max.	412mm x 332mm	11.1
Landmark Slate	90	22.5	112mm min./ 159mm max.	412mm x 334mm	11.1
Richmond	90	22.5	112mm min./ 159mm max.	412mm x 332mm	11.1
Stonewold II	44	17.5	75mm min./ 125mm max.	430mm x 380mm	8.2

Other Roofing Products					
Gemini (plain interlocking)	70	22.5	95mm max./ 80mm min.	330mm x 270mm	17.5 / 19.0 for min./max. headlap
Also available are Double Cambered Gemini which can be used for pitches as low as 22.5° pitch.					
Minislate (slate)	70	22.5	95mm max./ 80mm min.	418mm 332mm	9.7 / 10.5 for 75 / 100mm headlap
Centurion (interlocking tile)	44	12.5	100mm	230mm x 385mm	17.5
***Note:* Centurian Interlocking Tiles can be used for 10° pitches, however, consult Forticrete first.**					
V2 (interlocking tile)	70	17.5	75mm	430mm x 380mm	16.1
For Hadrow Slates 'Duets', 'Solos' and 'Harmonies', See Forticrete Product information in BC Library.					
Sandtoft 20/20 (Interlocking plain tile)	90	15 22.5	100mm 75mm	330mm x 226mm	22.7 20.5

Tile and Slate Information

Notes: