

Building Control

Householders Guidance Leaflet No. 24

Tile And Slate Information

This leaflet is one of a series produced by the Hertfordshire Building Control Technical Forum

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

<i>Tile/Slate Product Name</i>	<i>Max. Pitch</i>	<i>Min. Pitch</i>	<i>Headlap Required To Surface Finish</i>	<i>Size Of Tile/Slate</i>	<i>Covering Capacity (Tiles/m²)</i>
Marley Roofing Products - Interlocking Tiles					
Malvern ~	90	17.5	75mm - Smooth	420mm x 330mm	9.8 / 10.6 for 75 / 100mm headlap
		15	100mm - Smooth		
Bold Roll ~	90	17.5	75mm - Any Surface	420mm x 330mm	9.7 / 10.4 for 75 / 100mm headlap
Wessex ~	90	15	75mm - Smooth	413mm x 330mm	9.9 / 10.7 for 75 / 100mm headlap
Ludlow Plus ~	90	25	75mm - Smooth	387mm x 229mm	15.7 / 17.1 for 100mm headlap
		30	75mm - Granular		
		22.5	100mm - Smooth		
Ludlow Major ~	90	25	75mm - Smooth	420mm x 330mm	9.8 / 10.6 for 75 / 100mm headlap
		30	75mm - Granular		
		22.5	100mm - Smooth		
Anglia Plus ~	90	30	75mm - Smooth	387mm x 230mm	15.7 / 17.1 for 75 / 100mm headlap
		30	75mm - Granular		
		25	100mm - Smooth		
Double Roman ~	90	25	75mm - Smooth	420mm x 330mm	9.8 / 10.6 for 75 / 100mm headlap
		30	75mm - Granular		
		22.5	100mm - Smooth		
Mendip ~	90	22.5	75mm - Smooth	420mm x 330mm	9.7 / 10.5 for 75 / 100mm headlap
		30	75mm - Granular		
		25	100mm - Granular		

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
Marley Roofing Products- Slates					
Monarch	90	22.5	75mm	325mm x 330mm	13.2 / 14.7 for 75 / 100mm headlap
Maquess	90	22.5	75mm	325mm x 330mm	13.2 / 14.7 for 75 / 100mm headlap
Modern	90	22.5	75mm - Smooth	420mm x 330mm	9.9 / 10.7 for 75 / 100mm headlap
		17.5	100mm - Smooth		
Mock Bond Modern	90	22.5	75mm - Smooth	420mm x 330mm	9.9 / 10.7 for 75 / 100mm headlap
		17.5	100mm - Smooth		
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	75mm	418mm 332mm	9.7 / 10.5 for 75 / 100mm headlap
~~		15	100mm		
Grovebury ~~	90	17.5	75mm - Smooth	418mm 332mm	9.7 / 10.5 for 75 / 100mm headlap
		15	100mm - Smooth		
		30	75mm - Granular		
		22.5	100mm - Granular		
50 Double Roman	90	22.5	75mm - Smooth	418mm x 330mm	9.7 / 10.5 for 75 / 100mm headlap
~~		17.5	100mm - Smooth		
		30	75mm - Granular		
		22.5	100mm - Granular		
Regent ~~	90	17.5	75mm - Smooth	418mm x 332mm	9.7 / 10.5 for 75 / 100mm headlap
		12.5	100mm - Smooth		
		30	75mm - Granular		
		22.5	100mm - Granular		

Renown ~ ~	90	17.5	75mm - Smooth	418mm x 332	9.7 / 10.5 for 75 / 100mm headlap
		12.5	100mm - Smooth		
		30	75mm - Granular		
		22.5	100mm - Granular		
Norfolk Pantile ~	90	22.5	75mm	381mm x 227mm	16.3 / 17.8 for 75 / 100mm headlap
		17.5	100mm		
Redland 49 - _ _ -	90	25	75mm - Smooth	382mm x 226mm	16.3 / 17.8 for 75 / 100mm headlap
		17.5	100mm - Smooth		
		30	75mm - Granular		
		22.5	100mm - Granular		

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	50mm	300mm x 336mm	13.3 / 14.8 for 50 / 75mm headlap
		15	75mm		
Mini Stonewold	90	22.5	75mm	418mm x 334mm	9.9 / 10.7 for 75 / 100mm headlap
		17.5	100mm		
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.	330mm x 270mm	17.5 / 19.0 for min / max 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	100mm	330mm x 226mm	22.7
		22.5	75mm	330mm x 226mm	20.5