



## 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/m<sup>2</sup>)</i>
<b>Marley Roofing Products - Interlocking Tiles</b>					
<b>Malvern ~~</b>	90	17.5	75mm - Smooth	420mm x 330mm	9.8 / 10.6 for 75 / 100mm headlap
		15	100mm - Smooth		
<b>Bold Roll ~~</b>	90	17.5	75mm - Any Surface	420mm x 330mm	9.7 / 10.4 for 75 / 100mm headlap
<b>Wessex ~~</b>	90	15	75mm - Smooth	413mm x 330mm	9.9 / 10.7 for 75 / 100mm headlap
<b>Ludlow Plus ~~</b>	90	25	75mm - Smooth	387mm x 229mm	15.7 / 17.1 for 100mm headlap
		30	75mm - Granular		
		22.5	100mm - Smooth		
<b>Ludlow Major ~~</b>	90	25	75mm - Smooth	420mm x 330mm	9.8 / 10.6 for 75 / 100mm headlap
		30	75mm - Granular		
		22.5	100mm - Smooth		
<b>Anglia Plus ~~</b>	90	30	75mm - Smooth	387mm x 230mm	15.7 / 17.1 for 75 / 100mm headlap
		30	75mm - Granular		
		25	100mm - Smooth		
<b>Double Roman ~~</b>	90	25	75mm - Smooth	420mm x 330mm	9.8 / 10.6 for 75 / 100mm headlap
		30	75mm - Granular		
		22.5	100mm - Smooth		
<b>Mendip ~~</b>	90	22.5	75mm - Smooth	420mm x 330mm	9.7 / 10.5 for 75 / 100mm headlap
		30	75mm - Granular		
		25	100mm - Granular		

<b>Marley Roofing Products - Plain Tiles</b>					
<b>Marlden -</b>	90	35	65mm Roof 35mm Vertical	267mm x 168mm	60 / 53 for Roof / Vertical
<b>Thaxden -</b>	90	35	70mm Roof 40mm Vertical	270mm x 168mm	60 / 53 for Roof / Vertical
<b>Heritage -</b>	90	35	65mm Roof 35mm Vertical	267mm x 168mm	60 / 53 for Roof / Vertical
<b>Plain -</b>	90	35	65mm Roof 35mm Vertical	267mm x 168mm	60 / 53 for Roof / Vertical
<b>Marley Roofing Products- Slates</b>					
<b>Monarch</b>	90	22.5	75mm	325mm x 330mm	13.2 / 14.7 for 75 / 100mm headlap
<b>Maquess</b>	90	22.5	75mm	325mm x 330mm	13.2 / 14.7 for 75 / 100mm headlap
<b>Modern</b>	90	22.5	75mm - Smooth	420mm x 330mm	9.9 / 10.7 for 75 / 100mm headlap
		17.5	100mm - Smooth		
<b>Mock Bond Modern</b>	90	22.5	75mm - Smooth	420mm x 330mm	9.9 / 10.7 for 75 / 100mm headlap
		17.5	100mm - Smooth		
<b>Clansman</b>	90	35	70mm - Roof 40mm - Vertically	270 x 168/252/33	Differing on Size

<b>Redland Roofing Systems- Profile Range</b>					
<b>Landmark Double Pantile</b>	90	17.5	75mm	418mm 332mm	9.7 / 10.5 for 75 / 100mm headlap
~~		15	100mm		
<b>Grovebury</b> ~~	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		
<b>50 Double Roman</b>	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		
<b>Regent</b> ~~	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		

<b>Renown ~ ~</b>	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		
<b>Norfolk Pantile ~</b>	90	22.5	75mm	381mm x 227mm	16.3 / 17.8 for 75 / 100mm headlap
		17.5	100mm		
<b>Redland 49 - _ _ -</b>	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		

<b>Redland Roofing Systems - Plain Tiles</b>					
<b>Rosemary -</b>	90	35	65mm - Roof 35mm - Vertical	265mm x 165mm	60 / 52 for roof / vertical
<b>Heathland -</b>	90	35	65mm - Roof 35mm - Vertical	265mm x 165mm	60 / 52 for roof / vertical
<b>Downland -</b>	90	35	65mm - Roof 35mm - Vertical	265mm x 165mm	60 / 52 for roof / vertical
<b>Plain Tile -</b>	90	35	65mm - Roof 35mm - Vertical	268mm x 165mm	60 / 52 for roof / vertical
<b>Ornamental Tiles -</b>	90	40	N/A	Varying	Varying
<b>Redland Roofing Systems - Slates</b>					
<b>Cambrian</b>	90	25	50mm	300mm x 336mm	13.3 / 14.8 for 50 / 75mm headlap
		15	75mm		
<b>Mini Stonewold</b>	90	22.5	75mm	418mm x 334mm	9.9 / 10.7 for 75 / 100mm headlap
		17.5	100mm		
<b>Saxon</b>	90	25	112mm min/159mm max	412mm x 332mm	11.1
<b>Landmark Slate</b>	90	22.5	112mm min/159mm max	412mm x 334mm	11.1
<b>Richmond</b>	90	22.5	112mm min/159mm max	412mm x 332mm	11.1
<b>Stonewold II</b>	44	17.5	75mm min/125mm max	430mm x 380mm	8.2

**Other Roofing Products**

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