



## 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>Head-lap Required To Surface Finish</i>	<i>Size Of Tile/Slate</i>	<i>Covering Capacity (Tiles/m<sup>2</sup>)</i>
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#### **Marley Eternit Roofing Products - Interlocking Tiles – Clay**

<b>Sandringham</b>	60	22.5	Min: 47mm	403mm x 325mm	9.9 for 47mm head-lap
<b>Domino</b>	60	25	Min: 83mm	437mm x 257mm	12.4 for 83mm head-lap

#### **Marley Eternit Roofing Products – Interlocking Tiles – Concrete**

<b>Wessex</b>	44	15	75mm - Smooth	413mm x 330mm	9.9 / 10.7 for 75 / 100mm head-lap
<b>Modern / Duo Modern</b>	90	17.5	100mm - Smooth	420mm x 330mm	9.9 / 10.7 for 75 / 100mm head-lap
		22.5	75mm - Smooth		
		25	100mm - Granular		
		30	75mm - Granular		
<b>Ludlow Plus</b>	90	25	75mm - Smooth	387mm x 229mm	15.7 / 17.1 for 100mm head-lap
		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 head-lap
		30	75mm - Granular		
		22.5	100mm - Smooth		
<b>EcoLogic Ludlow Major</b>	90	25	75mm - Smooth	420mm x 330mm	9.8 / 10.6 for 75 / 100mm head-lap
		30	75mm - Granular		
		22.5	100mm - Smooth		
<b>Anglia</b>	90	30	75mm - Smooth	387mm x 230mm	15.7 / 17.1 for 75 / 100mm head-lap
		30	75mm - Granular		
		25	100mm - Smooth		

<b>Double Roman</b>	90	25	75mm - Smooth	420mm x 330mm	9.8 / 10.6 for 75 / 100mm head-lap
		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 head-lap
		30	75mm - Granular		
		25	100mm - Granular		
<b>Edgemere</b>	90	22.5	75mm - Smooth	420mm x 330mm	69.7 / 10.5 for 75 / 100mm head-lap
		17.5	100mm - Smooth		
<b>Duo Edgemere</b>	90	22.5	75mm - Smooth	420mm x 330mm	69.7 / 10.5 for 75 / 100mm head-lap
		17.5	100mm - Smooth		
<b>Ashmore</b>	90	22.5	Min: 77mm	267mm x 333mm	17.5 / 19 for 77 / 92mm head-lap

**Marley Eternit Roofing Products - Plain Tiles – Clay**

<b>Acme Single Camber</b>	90	30	65mm min 100mm max - Sand-faced & Smooth	265mm x 165mm	60 for 100mm head-lap
<b>Acme Double Camber</b>	90	35	65mm min 100mm max - Sand-faced & Smooth	265mm x 165mm	60 for 100mm head-lap
<b>Hawkins</b>	90	30	65mm min 100mm max - Sand-faced & Smooth	265mm x 165mm	60 for 100mm head-lap
<b>Ashdowne</b>	90	35	65mm min 100mm max - Sand-faced & Smooth	265mm x 165mm	60 for 100mm head-lap

**Marley Eternit Roofing Products - Slates – Fibre Cement**

<b>Rivendale</b>	90	22.5* 25*	100mm / 110mm Smooth	600mm x 300mm	13.4 / 13.6 for 100mm / 110mm head-lap
<b>Birkdale</b>	90	22.5* 25*	100mm / 110mm Smooth	600mm x 300mm	13.4 / 13.6 for 100mm / 110mm head-lap
<b>Melbourn</b>	90	15	50mm (20° & Above) / 65mm (Below 20°)	300mm x 327mm	13.3 / 14.2 for 50mm / 65mm head-lap
<b>Edgemere / Duo Edgemere</b>	90	17.5	75mm (20° & Above) / 100mm (Below 20°)	420mm x 330mm 420mm x 330mm	9.7 / 10.5 for 75mm / 100mm head-lap
<b>Garsdale</b>	90	22.5* 25*	100mm / 110mm Smooth	600mm x 300mm	13.4 / 13.6 for 100mm / 110mm head-lap
<b>Thrutone</b>	90	22.5* 25*	100mm / 110mm Smooth 100mm Smooth	600mm x 300mm 500mm x 250mm	13.4 / 13.6 for 100mm / 110mm head-lap & 20 for 100mm head-lap for the smaller tile

\* This is for severe exposure but slates can go down to 20° (22.5) & 22.5° (25) if moderate exposure

**Marley Eternit Roofing Products – Plain Tile – Concrete**

<b>Plain Tile</b>	90	35	Min: 65mm	267mm x 168mm	60 / 53 for 100 / 115 head-lap
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**Monier Redland Roofing Systems- Profile Range**

<b>Landmark Double Pantile</b>	90	17.5	75mm	418mm 332mm	9.7 / 10.5 for 75 / 100mm head-lap
		15	100mm		
<b>Grovebury</b>	90	17.5	75mm - Smooth	418mm 332mm	9.7 / 10.5 for 75 / 100mm head-lap
		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 head-lap
		17.5	100mm - Smooth		
		30	75mm - Granular		
		22.5	100mm - Granular		
<b>Landmark Double Roman</b>	90	22.5	75mm	418mm x 330mm	9.7 / 10.5 for 75 / 100mm head-lap
		17.5	100mm		
<b>Regent</b>	90	17.5	75mm - Smooth	418mm x 332mm	9.7 / 10.5 for 75 / 100mm head-lap
		12.5	100mm - Smooth		
		30	75mm - Granular		
		22.5	100mm - Granular		
<b>Renown</b>	90	17.5	75mm - Smooth	418mm x 332mm	9.7 / 10.5 for 75 / 100mm head-lap
		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 head-lap
		17.5	100mm		
<b>Redland 49</b>	90	25	75mm - Smooth	382mm x 226mm	16.3 / 17.8 for 75 / 100mm head-lap
		17.5	100mm - Smooth		
		30	75mm - Granular		
		22.5	100mm - Granular		

**Redland Roofing Systems - Plain Tiles**

<b>Rosemary</b>	90	35	65mm - Roof	265mm x 165mm	60 / 52 for roof / vertical
			35mm - Vertical		
<b>Heathland</b>	90	35	65mm - Roof	265mm x 165mm	60 / 52 for roof / vertical
			35mm - Vertical		
<b>Downland</b>	90	35	65mm - Roof	265mm x 165mm	60 / 52 for roof / vertical
			35mm - Vertical		
<b>Plain Tile</b>	90	35	65mm - Roof	268mm x 165mm	60 / 52 for roof / vertical
			35mm - Vertical		
<b>Ornamental Tiles</b>	90	40	N/A	Varying	Varying

<b>Redland Roofing Systems – Slates</b>					
<b>Cambrian Slate</b>	90	25 15	50mm 75mm	300mm x 336mm	13.3 / 14.8 for 50 / 75mm head-lap
<b>Mini Stonewold</b>	90	22.5 17.5	75mm 100mm	418mm x 334mm	9.9 / 10.7 for 75 / 100mm head-lap
<b>Mockbond Mini Stonewold</b>	90	22.5 17.5	75mm 100mm	418mm x 334mm	9.9 / 10.7 for 75 / 100mm head-lap
<b>Saxon 10</b>	90	22.5 17.5	75mm 100mm	412mm x 332mm	9.7 / 10.5 for 75 / 100mm head-lap
<b>Landmark Slate 10</b>	90	22.5 17.5	75mm 100mm	418mm x 330mm	9.7 / 10.5 for 75 / 100mm head-lap
<b>Richmond 10</b>	90	22.5 17.5	75mm 100mm	412mm x 332mm	9.7 / 10.5 for 75 / 100mm head-lap
<b>Mockbond Richmond 10</b>	90	27.5 17.5	75mm 100mm	418mm x 330mm	10.5 for 100mm head-lap
<b>Stonewold II</b>	44	17.5	75mm min / 125mm max	430mm x 380mm	8.2 for 75mm head-lap
<b>Natural Slate</b>	N/A	25	80mm	500mm x 250mm	18.8 for 80mm head-lap

<b>Forticrete Roofing Products</b>					
<b>Gemini Double Cambered Plain Tile</b>	70	22.5 29.5	95mm 80mm	330mm x 270mm	18.1 / 16.6 for 95 / 80mm head-lap
<b>Gemini Traditional Sandfaced</b>	70	30	85mm 95mm	337mm x 270mm	18.1 / 17.2 for 80 / 95mm head-lap
<b>Senator</b>	70	22.5	75mm	385mm x 230mm	16.1
<b>Minislate</b>	70	22.5 29.5	95mm 80mm	330mm x 270mm	17.5 / 19.0 for min / max head-lap
<b>Centurion 10</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</b>	70	17.5 22.5	Smooth 75mm Granular 75mm	230mm x 385mm	16.1
<b>Hardrow Solos, Duets and Harmonies Roof Slates</b>	47.5	17.5	127mm	610mm x 457mm	9.07
		20	100mm	610mm x 457mm	8.61
		20	102mm	457mm x 457mm	12.3
		25	75mm	610mm x 457mm / 457mm x 457mm / 457mm x 305mm	8.2 / 11.5 / 17.22
		30	75mm	381mm x 229mm	29.1
<b>Plain Tiles</b>	90	30	65	268mm x 243mm	60

<b>Sandtoft Roofing Products – Clay Tiles – Interlocking</b>					
<b>20/20 (Plain Texture)</b>	90	15	100mm	330mm x 226mm	22.7
		22.5	75mm		20.5
<b>20/20 Sandholme (Rustic Texture)</b>	90	22.5	75mm	330mm x 226mm	20.5

<b>Sandtoft Roofing Products – Clay Tiles – Plain</b>					
<b>Goxhill</b>	75	40	65mm	265mm x 165mm	60
<b>Barrow</b>	75	35	65mm	265mm x 165mm	60
<b>Alban</b>	75	35	65mm	265mm x 165mm	60
<b>Village</b>	75	35	65mm	265mm x 165mm	60
<b>Humber</b>	75	35	65mm	265mm x 165mm	60
<b>301 Smooth</b>	75	35	65mm	270mm x 170mm	57.4
<b>303 Sanded</b>	75	35	65mm	270mm x 170mm	57.4
<b>311 Handcrafted</b>	75	35	65mm	270mm x 160mm	61

<b>Sandtoft Roofing Products – Pantiles – Traditional</b>					
<b>Greenwood</b>	-	30	75mm	342mm x 248mm	17
<b>Old English</b>	-	30	72mm	342mm x 252mm	17.6
<b>Arcadia</b>	-	30	72mm	342mm x 252mm	17.6

<b>Sandtoft Roofing Products – Pantiles – Interlocking</b>					
<b>Neo Pantile</b>	-	22.5	75mm	384mm x 287mm	14.7
<b>County</b>	-	22.5	64mm	384mm x 267mm	14.9
<b>Olympus Double Pantile</b>	-	22.5	75mm	408mm x 324mm	10.2

<b>Sandtoft Roofing Products – Roman Tiles</b>					
<b>Bridgewater Double Roman</b>	-	30	75mm	420mm x 340mm	9.5
<b>Gaelic</b>	-	30	75mm	342mm x 255mm	17

<b>Sandtoft Roofing Products – Interlocking Slates</b>					
<b>Rivius</b>	-	22.5	75mm	405mm x 323mm	10.5
<b>Cassius</b>	-	22.5	75mm	405mm x 323mm	10.5
<b>Balmoral</b>	-	22.5	75mm	330mm x 226mm	20.5

**Sandtoft Roofing Products – Slates**

<b>Britlock Slate</b>	-	17.5	100mm	360mm x 340mm	13.9 / 11.7 for 100 / 75mm head-lap
		22.5	75mm		
<b>Calderdale Slate</b>	-	17.5	100mm	420mm x 334mm	10.6 / 9.9 for 100 / 75mm head-lap
		22.5	75mm		
<b>Dual Calderdale</b>	-	17.5	100mm	420mm x 334mm	10.6 /9.9 for 100 / 75mm head-lap
		22.5	75mm		