



# Recommended Headlaps & Coverage Rates

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## Minimum Recommended Headlap(mm)

Severe Exposure 56.5ltr/m<sup>2</sup> or greater per spell

Minimum Rafter Pitch

Size (nominal)	22.5deg	25deg	27.5deg	30deg	35deg	40deg	45 - 75deg
600x350	130	120	110	100	90	80	70
600x300				<b>100</b>	<b>90</b>	<b>80</b>	<b>70</b>
550x300	130	120	110	100	90	80	70
500x300	130	120	110	100	90	80	70
500x250			<b>110</b>	<b>100</b>	<b>90</b>	<b>80</b>	<b>70</b>
450x300				100	90	80	70
400x250				<b>100</b>	<b>90</b>	<b>80</b>	<b>70</b>
400x200				<b>100</b>	<b>90</b>	<b>80</b>	<b>70</b>
350x250				100	90	80	70
350x200				100	90	80	70
300x200				100	90	80	70

In general, any area within 30 miles of a West facing coast line is considered to be in a severe exposure area. However localised effects on any site must also be taken into consideration. Further reference to BS8104 is advisable to ascertain localised effects.  
Revision Based on BS5534: 2003

## Coverage - Slates per m<sup>2</sup> Headlap (mm)

Size (nominal)	75	80	85	90	95	100	105	110	115	120	125	130
600x350	10.7	10.8	10.9	11.0	11.2	11.3	11.4	11.5	11.6	11.7	11.9	12.0
600x300	12.5	12.6	12.7	12.9	13.0	13.1	13.2	13.4	13.5	13.7	13.8	14.0
550x300	13.8	14.0	14.1	14.3	14.4	14.6	14.7	14.9	15.1	15.2	15.4	15.6
500x300	15.4	15.6	15.8	16.0	16.2	16.4	16.6	16.8	17.0	17.3	17.5	17.7
500x250	18.5	18.7	18.9	19.1	19.4	19.6	19.9	20.1	20.4	20.6	20.9	21.2
450x300	17.5	17.7	18.0	18.2	18.5	18.7	19.0	19.3	19.6	19.9	20.2	20.5
400x250	24.1	24.5	24.9	25.3	25.7	26.1	26.6	27.0	27.5	28.0	28.5	29.0
400x200	30.0	30.5	31.0	31.5	32.0	32.5	33.1	33.6	34.2	34.8	35.5	36.1
350x250	28.5	29.0	29.6	30.2	30.8	31.4	32.0	32.7	33.4			
350x200	35.5	36.1	36.8	37.5	38.3	39.0	39.8	40.7	41.5			
300x200	43.4	44.3	45.4	46.5	47.6	48.8						

Values calculated using nominal sizes and incorporating a 5mm joint gap as per BS8000:Part6:1990. We recommend the addition of at least 5% wastage allowance