

Minimum Recommended Headlaps

MODERATE EXPOSURE less than 56.5 l/m² per spell

Size (Nominal) mm	Minimum Rafter Pitch								
	20°	22.5°	25°	27.5°	30°	35°	40°	45° to 75°	85°
600 x 350	115	105	95	85	80	70	60	55	-
600 x 300	-	-	95	85	80	70	60	55	-
550 x 300	-	105	95	85	80	70	60	55	-
500 x 300	115	105	95	85	80	70	60	55	-
500 x 250	-	-	95	85	80	70	60	55	50
450 x 300	-	-	-	-	80	70	60	55	50
450 x 250	-	-	-	-	80	70	60	55	50
400 x 300	-	-	-	-	80	70	60	55	50
400 x 250	-	-	-	-	80	70	60	55	50
400 x 200	-	-	-	-	80	70	60	55	50
350 x 300	-	-	-	-	80	70	60	55	50
350 x 250	-	-	-	-	80	70	60	55	50
350 x 200	-	-	-	-	80	70	60	55	50
300 x 200	-	-	-	-	80	70	60	55	50
250 x 150	-	-	-	-	80	70	60	55	50

SEVERE EXPOSURE 56.5 l/m² or greater per spell

Size (Nominal) mm	Minimum Rafter Pitch								
	20°	22.5°	25°	27.5°	30°	35°	40°	45° to 75°	85°
600 x 350	-	130	120	110	100	90	80	70	-
600 x 300	-	-	-	-	100	90	80	70	-
550 x 300	-	130	120	110	100	90	80	70	-
500 x 300	-	130	120	110	100	90	80	70	-
500 x 250	-	-	-	110	100	90	80	70	65
450 x 300	-	-	-	-	100	90	80	70	65
450 x 250	-	-	-	-	100	90	80	70	65
400 x 300	-	-	-	-	100	90	80	70	65
400 x 250	-	-	-	-	100	90	80	70	65
400 x 200	-	-	-	-	100	90	80	70	65
350 x 300	-	-	-	-	100	90	80	70	65
350 x 250	-	-	-	-	100	90	80	70	65
350 x 200	-	-	-	-	100	90	80	70	65
300 x 200	-	-	-	-	100	90	80	70	65
250 x 150	-	-	-	-	100	90	80	70	65

(Based on BS 5534: 2003 - All headlaps have been rounded up to the nearest 5mm increment)

This table gives a range of sizes for your information.

Traditional sizes that are not listed above and random diminishing slates can be made to special order, please contact us for more information.

WIND LOADS AND WEATHER RESISTANCE

Slates fixed in accordance with the details given in this guide will have adequate resistance to wind loads, wind uplift and rain penetration under most conditions

The tables above give minimum recommended laps according to exposure, roof pitch and slate size. Detailed guidance on wind load calculations is given in BS 5534: 2003 and BS 6399, Part 2:1997 and Part 3:1998