



Minimum Recommended Headlap for nail fixing. Reference BS5534:2014

Slate size (mm)	Driving Rain Exposure: <56.5 l/m ² Per Spell (Moderate)							
	20°	22.5°	25°	27.5°	30°	35°	40°	45°
600 x 300	-	-	95	85	80	70	60	55
500 x 300	115	105	95	85	80	70	60	55
500 x 250	-	-	100	85	80	70	60	55
450 x 220	-	-	-	-	80	70	60	55
400 x 250	-	-	-	-	80	70	60	55
400 x 220	-	-	-	-	80	70	60	55
400 x 200	-	-	-	-	80	70	60	55
350 x 200	-	-	-	-	80	70	60	55
300 x 200	-	-	-	-	80	70	60	55

Slate size (mm)	Driving Rain Exposure: >56.5 l/m ² Per Spell (Severe)							
	20°	22.5°	25°	27.5°	30°	35°	40°	45°
600 x 300	-	-	-	-	120	110	90	85
500 x 300	-	130	120	110	100	90	80	70
500 x 250	-	-	-	-	120	105	100	95
450 x 220	-	-	-	-	130	125	110	110
400 x 250	-	-	-	-	100	90	80	70
400 x 220	-	-	-	-	100	90	80	70
400 x 200	-	-	-	-	-	110	105	100
350 x 200	-	-	-	-	100	90	80	70
300 x 200	-	-	-	-	100	90	80	70

Notes:

A) The recommendation for laps given might not be adequate at roof pitches below 30° under the following conditions:

- (i) For rafter lengths greater than 9m in driving rain exposure areas of less than 56.5 l/m² per spell
- (ii) For rafter lengths greater than 6m in driving rain exposures of 56.5 l/m² or greater per spell

In these circumstances, please consult our technical department.

B) Where abnormal weather conditions might be expected, eg; on elevated sites near the coast, in localities where heavy snow falls are commonly experienced or in conditions of severe exposure, the recommendations for lap will not always ensure full protection. The specifier should seek guidance from a competent person conversant with local conditions.

Fixing: Stoneleaf natural slates should be fixed in accordance with BS 5534:2014 Code of Practice for Slating and Tiling. More information is available from the Technical Department.

For details regarding Hook Fixing slates please request a copy of our guide via email or our website