

Recommended Headlaps

Slate Size Nominal mm	Moderate Exposure: Driving rain Index less than 7m2/s Minimum rafter pitch									Severe Exposure: Driving Rain Index greater than 7m2/s Minimum rafter pitch								
	20	22.5	25	27.5	30	35	40	45	85	20	22.5	25	27.5	30	35	40	45	85
600 x 300	130	115	90	80	75	75	65	65	-	-	120	120	115	110	90	80	70	-
500 x 300	115	105	90	80	75	75	65	65	50	-	125	100	95	85	75	75	65	-
500 x 250	-	110	90	80	75	75	65	65	50	-	135	115	110	110	90	75	65	65
450 x 300	-	105	90	80	75	75	65	65	50	-	-	110	95	85	75	75	65	65
450 x 250	-	110	90	80	75	75	65	65	50	-	-	115	110	100	85	75	65	65
450 x 220	-	115	100	80	75	75	65	65	50	-	-	120	115	105	95	85	65	65
400 x 250	-	-	-	85	75	75	65	65	50	-	-	-	-	100	95	75	65	65
400 x 220	-	-	-	85	75	75	65	65	50	-	-	-	-	100	100	85	65	65
400 x 200	-	-	-	90	75	75	65	65	50	-	-	-	-	105	100	90	65	65
350 x 250	-	-	-	80	75	75	65	65	50	-	-	-	-	80	75	75	65	65
350 x 200	-	-	-	80	75	75	65	65	50	-	-	-	-	75	75	75	65	65

Roof Slate Sizes	Headlap required in mm																
	50	55	60	65	70	80	85	90	95	100	105	110	115	120	125	130	150
600 x 350	10.2	10.3	10.4	10.5	10.7	10.9	11.0	11.1	11.2	11.3	11.4	11.6	11.7	11.8	11.9	12.0	12.5
600 x 300	11.9	12.0	12.2	12.3	12.4	12.7	12.8	13.0	13.1	13.2	13.3	13.5	13.6	13.7	13.9	14.0	14.6
550 x 300	13.1	13.3	13.4	13.6	13.7	14.0	14.2	14.4	14.5	14.7	14.8	15.0	15.1	15.3	15.4	15.6	16.4
500 x 300	14.6	14.8	15.0	15.2	15.4	15.8	16.0	16.2	16.3	16.5	16.7	16.9	17.1	17.3	17.5	17.7	18.7
500 x 250	17.4	17.6	17.9	18.1	18.4	18.8	19.1	19.3	19.5	19.8	20.0	20.3	20.5	20.7	21.0	21.2	22.4
540 x 300	16.4	16.7	16.9	17.2	17.4	17.9	18.2	18.5	18.7	19.0	19.2	19.5	19.7	20.0	20.2	20.5	21.9
450 x 250	19.6	19.9	20.2	20.5	20.8	21.4	21.7	22.1	22.4	22.7	23.0	23.3	23.6	23.9	24.2	24.5	26.1
450 x 300	18.7	19.1	19.4	19.8	20.1	20.8	21.2	21.5	21.9	22.1	22.6	22.9	23.3	23.6	24.0	24.3	
450 x 250	22.4	22.8	23.2	23.6	24.1	24.9	25.3	25.7	26.1	26.5	26.9	27.4	27.8	28.2	28.6	29.0	
450 x 200	27.9	28.4	28.9	29.4	30.0	31.0	31.5	32.0	32.5	33.0	33.5	34.1	34.6	35.1	35.6	36.1	
350 x 300	21.9	22.4	22.8	23.3	23.7	24.7	25.1	25.6	26.1	26.5	27.0	27.4	27.9				
350 x 250	26.1	26.7	27.2	27.8	28.3	29.5	30.0	30.6	31.2	31.7	32.3	32.8	33.4				
350 x 200	32.5	33.2	33.9	34.6	35.3	36.7	37.3	38.0	38.7	39.4	40.1	40.8	41.5				
300 x 300	26.2	26.9	27.5	28.2	28.8	30.2	30.8	31.5	32.1	32.8							
300 x 250	31.4	32.2	33.0	33.7	34.5	36.1	36.9	37.6	38.4	39.2							
300 x 200	39.0	40.0	41.0	41.9	42.9	44.9	45.9	46.8	47.8	48.8							

Slate Length in mm	50	55	60	65	75	80	85	90	95	100	105	110	115	120	125	130	150
600 batten gauge	275	273	270	268	263	260	258	255	253	250	248	245	243	240	238	235	225
m batten	3.64	3.68	3.72	3.75	3.83	3.87	3.90	3.94	3.98	4.01	4.05	4.09	4.13	4.17	4.20	4.24	4.44
holing gauge	335	338	340	343	348	350	353	355	358	360	363	365	368	370	373	375	385
550 batten gauge	250	248	245	243	238	235	233	230	228	225	223	220	218	215	213	210	200
m batten	4.00	4.05	4.10	4.14	4.24	4.39	4.33	4.38	4.43	4.47	4.52	4.57	4.62	4.67	4.71	4.76	5.00
holing gauge	310	313	315	318	323	325	328	330	333	335	338	340	343	345	348	350	360
500 batten gauge	225	223	220	218	213	210	208	205	203	200	198	195	193	190	188	185	175
m batten	4.44	4.50	4.56	4.61	4.73	4.79	4.85	4.90	4.96	5.02	5.08	5.14	5.19	5.25	5.31	5.37	5.71
holing gauge	285	288	290	293	298	300	303	305	308	310	313	315	318	320	323	325	335
450 batten gauge	200	198	195	193	188	185	183	180	178	175	173	170	168	165	163	160	150
m batten	5.00	5.08	5.16	5.23	5.39	5.47	5.54	5.62	5.70	5.78	5.85	5.93	6.01	6.09	6.16	6.24	6.67
holing gauge	260	263	265	268	273	275	278	280	283	285	288	290	293	295	298	300	310
400 batten gauge	175	173	170	168	163	160	158	155	153	150	148	145	143	140	138	135	
m batten	5.71	5.83	5.94	6.06	6.29	6.40	6.52	6.63	6.75	6.86	6.98	7.09	7.21	7.32	7.44	7.55	
holing gauge	235	238	240	243	248	250	253	255	258	260	263	265	268	270	273	275	
350 batten gauge	150	148	145	143	138	135	133	130	128	125	123	120	118				
m batten	6.67	6.79	6.91	7.03	7.27	7.39	7.51	7.63	7.75	7.87	7.99	8.11	8.23				
holing gauge	210	213	215	218	223	225	228	230	233	235	238	240	253				
300 batten gauge	125	123	120	118	113	110	108	105	103	100							
m batten	8.00	8.19	8.38	8.57	8.95	9.14	9.33	9.52	9.71	9.90							
holing gauge	185	188	190	193	198	200	203	205	208	210							