

Merchant Bar

FLATS (kg/m)

FLAT	3	5	6	8	10	12	16	20	25	40
10	0.22									
1	0.29	0.47								
16	0.36	0.59								
20	0.47	0.79	0.94		1.57					
25	0.59	0.98	1.18	1.57	1.96	2.36				
30		1.18			2.36					
32	0.75		1.51	2.01	2.51	3.01				
40	0.94	1.57	1.88	2.51	3.14	3.77	5.02			
50	1.18	1.96	2.36	3.14	3.93	4.71	6.28	7.85	9.81	
60			2.83		4.71	5.65				
65	1.53	2.55				6.12	8.16			
75	1.77	2.94	3.53	4.71	5.89	7.06	9.42	11.8	14.7	
80			3.77		6.28	7.53				
90			4.24		7.06	8.48				
100	2.36	3.93	4.71	6.28	7.85	9.42	12.6	15.7	19.6	
110			5.18							
130			6.12		10.2	12.2	16.3	20.4	25.5	
150	3.53	5.89	7.07	9.42	11.8	14.1	18.8	23.6	29.4	
180			8.48		14.1	17.0				
200			9.42	12.6	15.7	18.8	25.1	31.4	39.3	
230					18.06					
250			11.8	15.7	19.6	23.6	31.4	39.3	49.6	
300			14.1	18.8	23.6	28.3	37.7	47.1	58.9	

Primary Source:

Liberty Infrabuild Australia
Selected sizes ex CHF, Taiwan

Stocked Grades:

- 300 plus

Merchant Bar

ANGLES (kg/m)

EQUAL	3	5	6	8	10	12	16
20 x 20	0.86						
25 x 25	1.12	1.65					
30 x 30	1.35	2.01					
40 x 40	1.83	2.73					
50 x 50	2.31	3.48	4.46	5.68			
65 x 65			5.87	7.51	9.02		
75 x 65		5.27	6.81	8.73	10.5		
80 x 80			7.34				
90 x 90			8.22	10.6	12.7		
100 x 100			9.16	11.8	14.2	17.7	

UNEQUAL	3	5	6	8	10	12	16
65 x 50		4.02	5.16				
75 x 50		4.40	5.66				
100 x 75			7.98	10.3	12.4	17.7	
125 x 75			9.16	11.8	14.2	21.6	

Primary Source:

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Selected sizes ex CHF, Taiwan

Stocked Grades:

- 300 plus

Merchant Bar

ROUND & SQUARE (kg/m)

ROUND	kg/m	DEFORMED ROUND	kg/m	IMPERIAL TO METRIC BRIGHT ROUND		
				Inches	mm	kg/m
6	0.222	10	0.62	3/16	4.76	0.140
8	0.395	12	0.89	1/4	6.35	0.248
10	0.62	16	1.58	5/16	7.94	0.388
12	0.89	20	2.47	3/8	9.53	0.559
16	1.58			1/2	12.70	0.994
20	2.46			9/16	14.29	1.26
24	3.55			5/8	15.88	1.55
25	3.85	SQUARE	kg/m	3/4	19.05	2.24
27	4.49	10	0.785	7/8	22.23	3.05
30	5.55	12	1.13	1	25.40	3.98
32	6.31	16	2.01	1 1/8	28.58	5.03
36	7.99	20	3.14	1 1/4	31.75	6.22
39	9.38	25	4.91	1 1/2	38.10	8.95
45	12.5	32	8.04	1 3/4	44.45	12.18
50	15.4	40	12.5	2	50.80	15.91
		50	19.6	2 1/4	57.15	20.14
				2 1/2	63.50	24.86

Primary Source:

Liberty Infrabuild Australia
Selected sizes ex CHF, Taiwan

Stocked Grades:

- 300 plus