

Everest Multipurpose Load Table

EVEREST MP Fibre cement board capacity support across grain (wet conditions)				
Board Thickness mm	Support spacing mm	Type of load	Distributed load capacity KN/Sqm	Concentrated load capacity (applied over 0,3x0,3) KN
9	610	two way	2,87	0,63
12	610	two way	5,11	1,11
15	610	two way	7,98	1,73
18	610	two way	13,45	2,49
20	610	two way	14,19	3,07
9	610	one way	2,41	0,59
12	610	one way	4,25	1,04
15	610	one way	6,65	1,62
18	610	one way	9,58	2,33
20	610	one way	11,81	2,87
9	407	two way	4,31	0,95
12	407	two way	7,66	1,66
15	407	two way	11,96	2,59
18	407	two way	20,16	3,73
20	407	two way	21,27	4,60
9	407	one way	3,61	0,88
12	407	one way	6,38	1,56
15	407	one way	9,96	2,43
18	407	one way	14,35	3,49
20	407	one way	17,69	4,30

EVEREST MP Fibre cement board capacity support across grain (dry conditions)				
Board Thickness mm	Support spacing mm	Type of load	Distributed load capacity KN/Sqm	Concentrated load capacity (applied over 0,3x0,3) KN
9	610	two way	2,92	0,64
12	610	two way	5,19	1,13
15	610	two way	8,11	1,76
18	610	two way	13,66	2,53
20	610	two way	14,41	3,12
9	610	one way	2,31	0,56
12	610	one way	4,09	1,00
15	610	one way	6,39	1,56
18	610	one way	9,20	2,24
20	610	one way	11,34	2,76
9	407	two way	4,38	0,96
12	407	two way	7,78	1,69
15	407	two way	12,15	2,63
18	407	two way	20,47	3,78
20	407	two way	21,60	4,67
9	407	one way	3,47	0,85
12	407	one way	6,13	1,49
15	407	one way	9,57	2,33
18	407	one way	13,79	3,35
20	407	one way	17,00	4,14

FACTOR OF SAFETY = 3

Above capacities are based on the assumptions that support does not sink.
Material is elastic till failure.