

Everest Heavy Duty Load Table

EVEREST HD 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	4,13	0,91
12	610	two way	7,34	1,59
15	610	two way	11,47	2,48
18	610	two way	19,33	3,57
9	610	one way	3,26	0,79
12	610	one way	5,76	1,40
15	610	one way	9,00	2,19
18	610	one way	12,96	3,15
9	407	two way	6,19	1,36
12	407	two way	11,00	2,38
15	407	two way	17,20	3,72
18	407	two way	28,96	5,35
9	407	one way	4,88	1,19
12	407	one way	8,63	2,10
15	407	one way	13,48	3,28
18	407	one way	19,43	4,72

EVEREST HD 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	6,35	1,39
12	610	two way	11,29	2,44
15	610	two way	17,64	3,81
18	610	two way	29,71	5,49
9	610	one way	5,37	1,30
12	610	one way	9,50	2,31
15	610	one way	14,84	3,61
18	610	one way	21,38	5,19
9	407	two way	9,52	2,08
12	407	two way	16,91	3,66
15	407	two way	26,43	5,71
18	407	two way	44,53	8,22
9	407	one way	8,05	1,95
12	407	one way	14,23	3,46
15	407	one way	22,24	5,41
18	407	one way	32,04	7,78

FACTOR OF SAFETY = 3

Above capacities are based on the assumptions that support does not sink.

Material is elastic till failure.