



บริษัท โอลิมปิกกระเบื้องไทย จำกัด

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Load bearing Capacity for Shera Board

1) UNIFORM DISTRIBUTED LOAD (Kg/m²) : LOAD BEARING CAPACITY

Note : Safety Factor = 2.5

Frame Structure	ONE-WAY Support : Stud Spacing					
	Stud Spacing →	30 cm	40 cm	50 cm	60 cm	80 cm
Board Thickness ↓	Allowable Uniform Load Kg/m ²					
15 mm	1,731	974	623	432	243	155
18 mm	2,493	1,402	897	623	350	224
20 mm	3,078	1,731	1,108	769	432	277
25 mm	4,809	2,705	1,731	1,202	676	432

Support Grid - Spacing in "cm"								
30 x 30	30 x 40	30 x 60	40 x 40	40 x 60	40 x 120	60 x 60	60 x 120	80 x 120
cm	cm	cm	cm	cm	cm	cm	cm	cm
Allowable Uniform Load Kg/m ²								
2,472	1,872	1,699	1,391	1,053	951	618	425	263
3,560	2,695	2,446	2,003	1,516	1,369	890	611	379
4,395	3,327	3,020	2,472	1,872	1,690	1,099	755	468
6,867	5,199	4,718	3,863	2,925	2,641	1,717	1,180	731

Important Note : The Length direction of boards should be perpendicular to the long spacing direction of Frames (as shown in the picture here)

2) CONCENTRATED LOAD (Kg/Grid) : LOAD BEARING CAPACITY

Note : Safety Factor = 2.5

Frame Structure	ONE-WAY Support : Stud Spacing					
	Stud Spacing →	30 cm	40 cm	50 cm	60 cm	80 cm
Board Thickness ↓	Allowable Concentrated Load Kg/Grid					
15 mm	311	233	187	155	116	93
18 mm	448	336	269	224	168	134
20 mm	554	415	332	277	207	166
25 mm	865	649	519	432	324	259

