



Loading table of SHERA Floor Board - One-way Slab (Calculation*)

Date

Distribution Load (kg./sq m)	Joist spacing for one-way slab calculated with safety factor of 2.5				
Thickness of SHERA board	30 cm	40 cm	50 cm	60 cm	80 cm
15 mm	1766	993			
18 mm	2542	1430	915	636	
20 mm*	3139	1766	1130	785	

17/11/2021

*Available by special order

Concentrated Load (kg./area)	Joist spacing for one-way slab calculated with safety factor of 2.5				
Thickness of SHERA board	30 cm	40 cm	50 cm	60 cm	80 cm
15 mm	318	238			
18 mm	458	343	275	229	
20 mm*	565	424	339	282	

*Available by special order

Loading Table of SHERA Floor Board - Two ways slab (calculation*)

Distribution Load (kg./sq m)	Joist spacing for two-ways slab calculated with safety factor of 2.5					
Thickness of SHERA board	30x30 cm.	30x40 cm.	30x60 cm.	40x40 cm.	40x60 cm.	60x60 cm.
15 mm	2835	2407	2122	1594		
18 mm	4082	3466	3055	2296	1863	1020
20 mm*	5040	4279	3772	2835	2300	1260

*Available by special order

Concentrated Load (kg./area)	Joist spacing for two-ways slab calculated with safety factor of 2.5					
Thickness of SHERA board	30x30 cm.	30x40 cm.	30x60 cm.	40x40 cm.	40x60 cm.	60x60 cm.
15 mm	479	402	351	364		
18 mm	735	624	550	551	447	367
20 mm*	907	770	679	680	552	453

*Available by special order

Remark:

- This Load Table already included Safety Factor 2.5
- This Table base on Dry Conditon
- Point Load are determine in the effective area of 10cmx10cm footprint