

CEM-STEEL® LOAD TABLE

- Allowable uniformly distributed live loads in lbs. psf.
- Cem-Steel® boards in dry condition.
- Limit deflection to L/240 maximum.
- Long dimension of Cem-Steel® boards across supports.

SPAN: Center-to-center of supports				
(inches)				
CEM-STEEL® Thickness	Load Governed By	12"	16"	24"
11mm (7/16")	L/360 ▲ limit between supports	211	78	20
	L/240 ▲ limit between supports	317	116	30
14mm (9/16")	L/360 ▲ limit between supports	412	152	39
	L/240 ▲ limit between supports	618	227	58
17mm (5/8")	L/360 ▲ limit between supports	712	262	67
	L/240 ▲ limit between supports	1,069	393	101
20mm (3/4")	L/360 ▲ limit between supports	1,131	416	107
	L/240 ▲ limit between supports	1,697	624	160
22mm (7/8")	L/360 ▲ limit between supports	1,486	546	140
	L/240 ▲ limit between supports	2,229	819	210

Live load calculations based on a minimum of three equal and continuous spans using a safety factor of 2. Moisture content of Cem-Steel® board is assumed to be 8% by weight (+- 3%) as shipped from the factories - this is considered "dry condition". If Cem-Steel® boards are allowed to become saturated, reduce live load working capacity approximately 30% until the boards have re-dried. All load data remains valid for re-dried Cem-Steel® boards.

Technical tables and specifications are provided as a general guideline only. No table can be sufficiently comprehensive to cover all details of a specific project. We recommend that all installations be designed and reviewed by a qualified architect or engineer.