

## CONCENTRATED LOADS LB./FT. ON 2" x 2" SQUARE AREA

**SPAN: Center-to-center of supports (inches)**

| VERSAROC®<br>Thickness | Load Governed By               | 12" | 16" | 24" |
|------------------------|--------------------------------|-----|-----|-----|
| 8mm (5/16")            | L/360 ▲ limit between supports | 30  | 27  | 24  |
|                        | L/240 ▲ limit between supports | 30  | 27  | 24  |
| 10mm (3/8")            | L/360 ▲ limit between supports | 46  | 42  | 37  |
|                        | L/240 ▲ limit between supports | 46  | 42  | 37  |
| 12mm (1/2")            | L/360 ▲ limit between supports | 67  | 60  | 53  |
|                        | L/240 ▲ limit between supports | 67  | 60  | 53  |
| 16mm (5/8")            | L/360 ▲ limit between supports | 118 | 107 | 95  |
|                        | L/240 ▲ limit between supports | 118 | 107 | 95  |
| 19mm (3/4")            | L/360 ▲ limit between supports | 167 | 151 | 134 |
|                        | L/240 ▲ limit between supports | 167 | 151 | 134 |
| 22mm (7/8")            | L/360 ▲ limit between supports | 224 | 203 | 180 |
|                        | L/240 ▲ limit between supports | 224 | 203 | 180 |
| 25mm (1")              | L/360 ▲ limit between supports | 289 | 262 | 232 |
|                        | L/240 ▲ limit between supports | 289 | 262 | 232 |
| 28mm (1-1/8")          | L/360 ▲ limit between supports | 363 | 329 | 291 |
|                        | L/240 ▲ limit between supports | 363 | 329 | 291 |
| 32mm (1-1/4")          | L/360 ▲ limit between supports | 474 | 430 | 380 |
|                        | L/240 ▲ limit between supports | 474 | 430 | 380 |
| 38mm (1-1/2")          | L/360 ▲ limit between supports | 599 | 544 | 481 |
|                        | L/240 ▲ limit between supports | 599 | 544 | 481 |

Live loads shown use a safety factor of 4. Moisture content of VERSAROC® board is assumed to be 9% by weight (+- 3%) as shipped from the factories - this is considered "dry condition". If VERSAROC® 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 VERSAROC® 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.