



Span (ft)	Conditions		CFI-H20
			7 ⁷ / ₈ "
4	Simple	Concrete (plf)	1852
		Total (plf)	1852
	Continuous	Concrete (plf)	1054
		Total (plf)	1054
5	Simple	Concrete (plf)	1458
		Total (plf)	1458
	Continuous	Concrete (plf)	836
		Total (plf)	836
6	Simple	Concrete (plf)	968
		Total (plf)	1066
	Continuous	Concrete (plf)	693
		Total (plf)	693
7	Simple	Concrete (plf)	645
		Total (plf)	771
	Continuous	Concrete (plf)	591
		Total (plf)	591
8	Simple	Concrete (plf)	435
		Total (plf)	583
	Continuous	Concrete (plf)	516
		Total (plf)	516
9	Simple	Concrete (plf)	276
		Total (plf)	456
	Continuous	Concrete (plf)	441
		Total (plf)	441
10	Simple	Concrete (plf)	183
		Total (plf)	366
	Continuous	Concrete (plf)	347
		Total (plf)	356
11	Simple	Concrete (plf)	125
		Total (plf)	301
	Continuous	Concrete (plf)	246
		Total (plf)	293
12	Simple	Concrete (plf)	88
		Total (plf)	251
	Continuous	Concrete (plf)	179
		Total (plf)	245

Notes:

1. Values shown are the maximum uniform loads in pounds per lineal foot (plf), that can be applied to the joist in addition to its own weight.
2. Table values have been adjusted by a factor of $C_M = 0.9$ for outside exposure (above ground) and $C_D = 1.25$ for construction load duration.
3. Span is measured from center of bearing to center of bearing.
4. Table values for CONCRETE LOAD are limited by deflection equal to the lesser of $\frac{1}{4}$ inch or $L/360$, where L is the length of the span.
5. Provide at least $3\frac{1}{2}$ " of bearing length at end supports and $5\frac{1}{4}$ " at intermediate supports.
6. Provide lateral restraint at supports and along the compression flange of each joist at intervals not to exceed 24".
7. Contact Pacific Woodtech or consult a professional engineer to analyze conditions outside the scope of this table (e.g. different bearing conditions, concentrated loads) or for multiple span joists if the length of any span is less than half the length of an adjacent span.
8. Web stiffeners required on all CFI-H90 joists greater than 18" in depth. Web stiffeners required on all CFI-77 and CFI-90 joists greater than 20" in depth.
See *Web Stiffener Requirements* on page 10 for more details.

