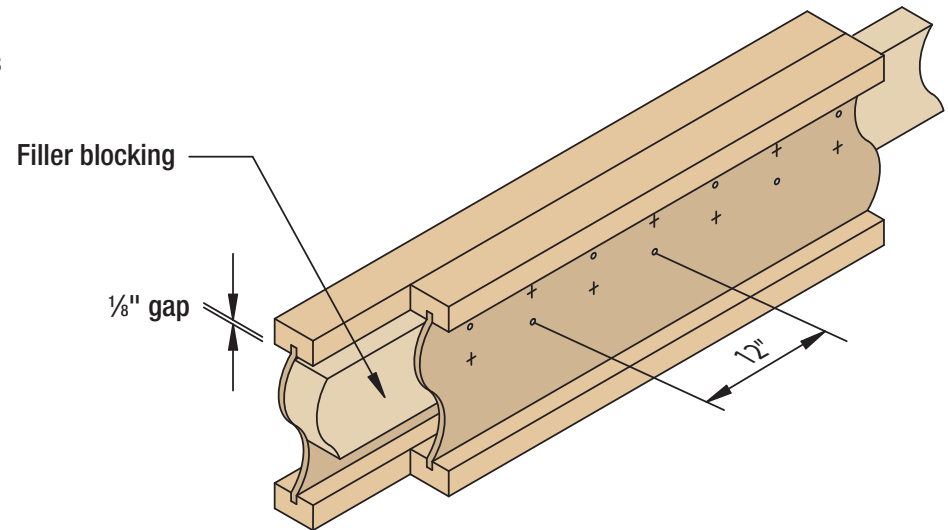


F11 DOUBLE JOIST CONSTRUCTION WITH FILLER

Note: Filler blocks and fastening between joists can be omitted when double joists are loaded evenly from above to the tops of both joists, such as when a parallel bearing wall is directly centered over the double joist.

Joist		Regular Filler Blocking (Detail F12)	Full-depth Filler Blocking (Details C4, F13, F14 & R7)
Series	Depth		
BLI 700	11 $\frac{7}{8}$ "	2x6 + $\frac{3}{8}$ " OSB/Plywood	2x8 + $\frac{3}{8}$ " OSB/Plywood
	14"	2x8 + $\frac{3}{8}$ " OSB/Plywood	2x10 + $\frac{3}{8}$ " OSB/Plywood
	16"	2x8 + $\frac{3}{8}$ " OSB/Plywood	2x12 + $\frac{3}{8}$ " OSB/Plywood
BLI 40	9 $\frac{1}{2}$ "	2x6 + $\frac{5}{8}$ " OSB/Plywood	2x6 + $\frac{5}{8}$ " OSB/Plywood
BLI 40, 60	11 $\frac{7}{8}$ "	2x6 + $\frac{5}{8}$ " OSB/Plywood	2x8 + $\frac{5}{8}$ " OSB/Plywood
	14"	2x8 + $\frac{5}{8}$ " OSB/Plywood	2x10 + $\frac{5}{8}$ " OSB/Plywood
	16"	2x8 + $\frac{5}{8}$ " OSB/Plywood	2x12 + $\frac{5}{8}$ " OSB/Plywood
BLI 60	18"	2x8 + $\frac{5}{8}$ " OSB/Plywood	2x12 + $\frac{5}{8}$ " OSB/Plywood
BLI 80, 90, 900	11 $\frac{7}{8}$ "	2-2x8	2-2x8
	14"	2-2x8	2-2x10
	16"	2-2x8	2-2x12
BLI 80, 90	18"	2-2x8	2-2x12



1. Support back of web during nailing to prevent damage to web-flange connection.
2. Leave $\frac{1}{8}$ " gap between top of filler blocking and bottom of top flange.
3. Block solid between joists. For all applications except cantilever reinforcement, filler need not be one continuous length, but must extend the entire length of span. For double I-joist cantilever reinforcement C4, filler must be one continuous piece extending the full length of the reinforcement.
4. Place joists together and nail from each side with 2 rows of 10d common nails (16d common for BLI 80, BLI 90, and BLI 900) at 12" o.c. Stagger rows on opposite side 6".