



BREAKTHROUGH BUILDING INNOVATIONS

TotalJoist is the first steel floor joist specially designed to work with wood framing on multi-residential construction. Their optimized strength, superior performance, practical features and simplicity make it the most accommodating floor joist available.

- Mass customized to exact lengths
- 30 ft clear spans
- Ultimate trade compatibility
- Outperforms wood and C-shapes
- Increase profit and faster closing times

Now you can.

TOTALJOIST

BY **iSPAN**[®]
SYSTEMS^{LP}



SIMPLIFYING FLOOR DESIGN & CONSTRUCTION

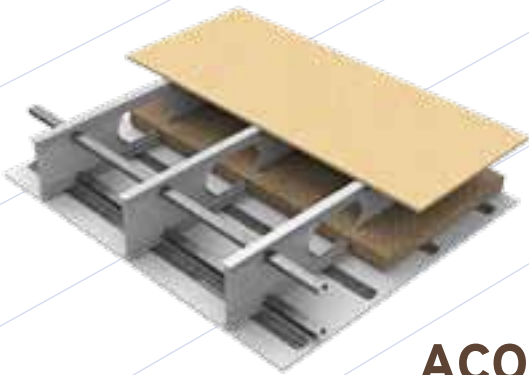
PRE-CUT SERVICE HOLES

- No more bulkheads
- Increase ceiling height
- Increase architectural design and appeal
- Trade friendly, save time & errors
- 4 ft hole spacing or custom oriented



SIMPLIFIED FIRE RATINGS

Achieve a UL/ULC 1 hour fire Rating with wood sheathing and only 1 layer of a board.



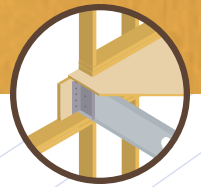
ULC Design M521 / UL Design M515
contact iSPAN for additional listings

ACOUSTIC PROVEN

- Only floor assembly with wood sheathing to achieve STC 50 with only one layer of drywall
- STC 63 with 1-1/2" gypcrete topping
- Lab tested and over 40 field tests

WOOD FRAMING

INCREASED QUALITY FLOOR



No more waiting until building is watertight and drywall is complete to run services. Start mechanical as soon as framing on floor is complete.

- Save weeks off construction schedule
- Speed up closing times
- Get revenue faster!

Installing Roof Joists



Running Services in Floor Assembly



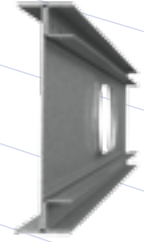
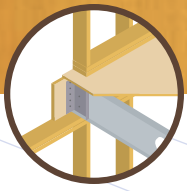
Ceilings Ready for Drywall



Mechanical Rough-in Complete

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SYSTEMS^{LP}



Span Table, 40psf Live Load L/480 Live Load Deflection Limit

Joist Depth	Total Joist	40psf Live Load / 15psf Dead Load				40psf Live Load / 25psf Dead Load			
		12" o.c.	16" o.c.	19.2" o.c.	24" o.c.	12" o.c.	16" o.c.	19.2" o.c.	24" o.c.
9-1/2"	9.5-i-2	22' 7"	20' 6"	19' 4"	17' 11"	22' 7"	20' 6"	19' 4"	17' 11"
	9.5-i-3	24' 3"	22' 1"	20' 9"	19' 3"	24' 3"	22' 1"	20' 9"	19' 3"
	9.5-i-4	26' 0"	23' 7"	22' 3"	20' 8"	26' 0"	23' 7"	22' 3"	20' 8"
11-7/8"	11.875-i-2	26' 10"	24' 4"	22' 11"	21' 3"	26' 10"	24' 4"	22' 11"	21' 3"
	11.875-i-3	28' 10"	26' 2"	24' 8"	22' 11"	28' 10"	26' 2"	24' 8"	22' 11"
	11.875-i-4	30' 11"	28' 1"	26' 6"	24' 7"	30' 11"	28' 1"	26' 6"	24' 7"
14"	14-i-2	30' 5"	27' 7"	26' 0"	24' 1"	30' 5"	27' 7"	26' 0"	24' 1"
	14-i-3	32' 8"	29' 9"	27' 11"	25' 11"	32' 8"	29' 9"	27' 11"	25' 11"
	14-i-4	35' 2"	31' 11"	30' 1"	27' 11"	35' 2"	31' 11"	30' 1"	27' 11"
16"	16-i-2	33' 7"	30' 6"	28' 9"	26' 8"	33' 7"	30' 6"	28' 9"	26' 8"
	16-i-3	36' 2"	32' 11"	30' 11"	28' 9"	36' 2"	32' 11"	30' 11"	28' 9"
	16-i-4	38' 11"	35' 5"	33' 4"	30' 11"	38' 11"	35' 5"	33' 4"	30' 11"

Notes

1. Spans are controlled by strength and serviceability criteria, see TOTAL JOIST™ Tech Guide for clarification.
2. Span charts are provided for general information and should not be used for design and/or installation.

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