



# INSTALLATION NOTES

- A. Except for cutting to length, top and bottom flanges of RFPI-Joists shall not be cut, drilled or notched.
- B. Concentrated loads shall only be applied to the upper surface of the top flange, not suspended from the bottom flange. Contact your local representative for exceptions.
- C. Any fastening, resistance to uplift or applications not specifically detailed is subject to local approval.
- D. When nailing sheathing to top flange, closest spacing should be as follows:
- E. End bearing length must be at least 1¾". Intermediate bearings of multiple span joists shall be at least 3½".
- F. Engineered lumber must not remain in direct contact with concrete or masonry construction and shall be used in dry use conditions only.
- G. RFPI-Joists must be restrained against rotation at the ends of joists by use of rim joists, blocking panels, or cross bridging. To laterally support cantilevered joists, blocking panels must also be installed over supports nearest the cantilever.

### SHEATHING NAIL SPACING REQUIREMENTS

FLANGE WIDTH	1½"		1¾"		2⅝"		3½"	
	Min	Max	Min	Max	Min	Max	Min	Max
8d box	3"	16"	2"	18"	2"	24"	2"	24"
8d common 10d or 12d box	3"	16"	2"	18"	2"	24"	2"	24"

#### Notes:

1. If more than one row of nails is required, rows must be offset by at least ½" and staggered.
2. 14 gauge staples may be substituted for 8d nails if staples penetrate the joist at least 1".
3. Do not use nails larger than those shown above when attaching sheathing to flanges of RFPI-Joists.
4. Space nails installed to the flange's top face in accordance with the applicable building code requirements or approved building plans.

- H. Additionally, rim joists, blocking panels, or squash blocks must be provided under all exterior walls and interior load bearing walls to transfer loads from above to the wall or foundation below.
- I. Plywood or OSB subfloor nailed to the top flange of a RFPI-Joist is adequate to provide lateral support.
- J. The top flanges must be kept straight within ½" of true alignment.
- K. If nails must be installed into the sides of LVL flanges, spacing shall not be closer than 3 inches o.c. for 8d common nails, and 4 inches o.c. for 10d common nails.