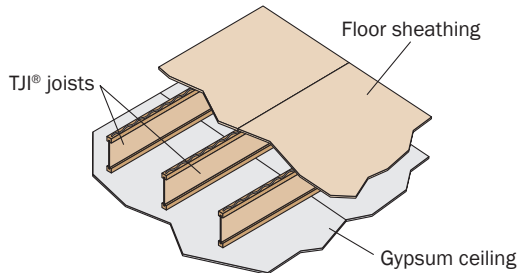
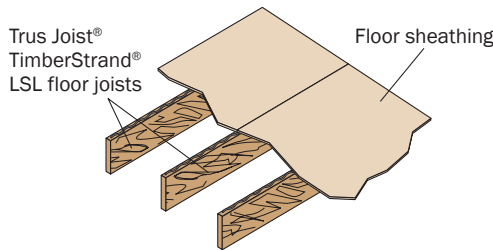


# TRUS JOIST PRODUCTS SATISFY CODE FIRE PROTECTION REQUIREMENTS



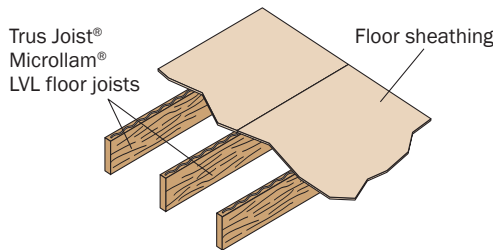
## CAN TJI® JOISTS BE USED TO SATISFY IRC FIRE PROTECTION REQUIREMENTS?

**YES.** Installing a gypsum membrane to the underside of TJI joists will meet code requirements for fire protection of floors. This makes TJI joists excellent options for basements that will be finished. TJI joists are engineered for superior performance, and with several joist series and a variety of depths to choose from, a customized floor solution is always possible.



## CAN TIMBERSTRAND® LSL BE USED TO SATISFY IRC FIRE PROTECTION REQUIREMENTS?

**YES.** TimberStrand LSL floor joists with dimensions of 1½" x 9¼" or larger satisfy Exception 4 of the fire protection code, eliminating the need for additional fire protection. TimberStrand LSL floor joists are available in both 1½" and 1¾" widths, and come in depths matching both sawn lumber and engineered lumber sizes to provide greater flexibility based on project needs. TimberStrand LSL floor joists also have larger allowable hole zones that can accommodate most residential plumbing and wiring needs. See TJ-8014 for additional information.



## CAN MICROLLAM® LVL BE USED TO SATISFY IRC FIRE PROTECTION REQUIREMENTS?


**YES.** Microllam LVL floor joists with dimensions of 1¾" x 9¼" or larger satisfy Exception 4 of the fire protection code, eliminating the need for additional fire protection. Microllam LVL floor joists offer superior strength and stiffness, allowing for longer spans without the need for additional fire protection.

## ARE OTHER OPTIONS AVAILABLE TO SATISFY CODE FIRE PROTECTION REQUIREMENTS?

**YES.** The IRC allows residential sprinklers to be used in lieu of membrane protection. In addition, APA – The Engineered Wood Association has published System Report (SR-405) with alternative fire protection details. TJI joists meeting the minimum web and flange sizes will perform equivalently to the joists specified. BUILDERS SHOULD CONSULT WITH THE LOCAL BUILDING OFFICIAL TO DETERMINE THE SUITABILITY OF THE DETAILS SHOWN PRIOR TO STARTING CONSTRUCTION.

**CONTACT US** | 888.453.8358 | [WEYERHAEUSER.COM/WOODPRODUCTS](http://WEYERHAEUSER.COM/WOODPRODUCTS)

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Reorder TJ-9013

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