

Tech Note: Comparing TJ® Rim Board to Commodity Rim Board

Are all 1-1/8" rim board products equal?

No. 1-1/8" TJ® Rim Board distributed in Canada is unique because it's manufactured using the same technology as TimberStrand® LSL in Kenora, Ontario. As a result, TJ® Rim Board from this plant is available in longer lengths - 12' or 16' standard, but up to 32' for floor panel fabricators. In comparison to commodity 1-1/8" rim board products, it has higher stiffness properties and can span up to 8'.

Where alternative rim board materials are being proposed on a project, the following items should be considered:

- **Higher Strength and Stiffness means Longer Spans over Openings**

TJ® Rim Board has nearly *double* the stiffness and bending capacities of typical commodity rim boards¹. Manufactured and quality-controlled for specific bending properties, TJ® Rim Board can be used as a beam to span over openings up to 8'-0", whereas *conventional 1-1/8" rim board is limited to spans of 4'-0"*. Even at 4' span, TJ® Rim Board can carry twice as much uniform load. Some common examples are shown on the following page.

- **Design in Javelin® and ForteWEB™ software**

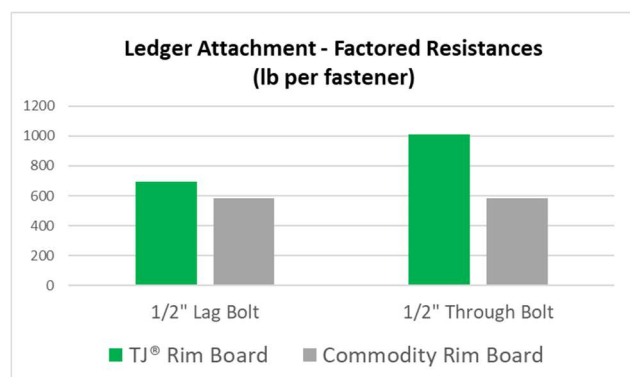
TJ® Rim Board can be evaluated in Javelin® and Forte® software as a beam to span over openings – even as single-ply members.

- **Long length Availability**

With lengths up to 16', fewer pieces require handling, and framing efficiency can be improved. Panel fabricators appreciate the availability of 32' lengths to taking efficiency even further.

- **More Efficient Ledger Attachment**

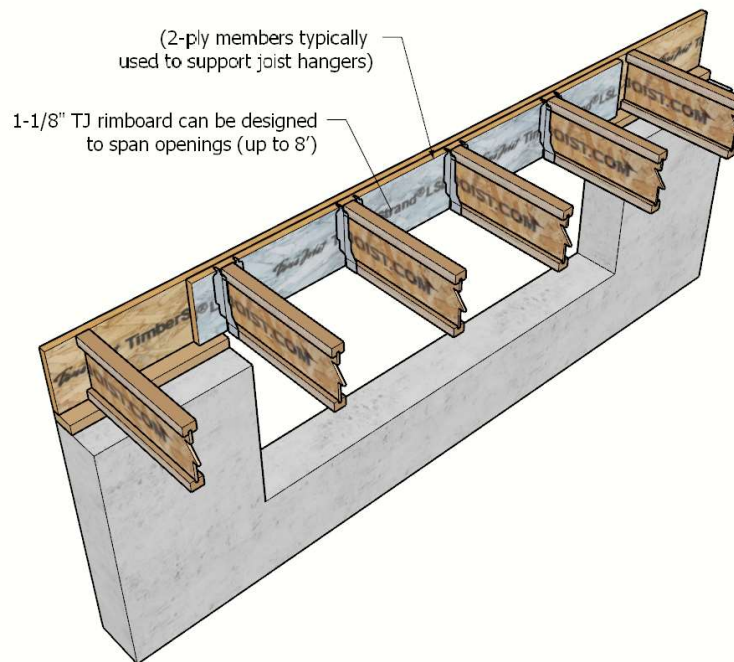
Fastener values are higher with TJ® Rim Board than typical commodity 1-1/8" Rim Board. This could allow less bolts or wider bolt spacing when attaching a deck. Refer to the chart at right for comparative results:



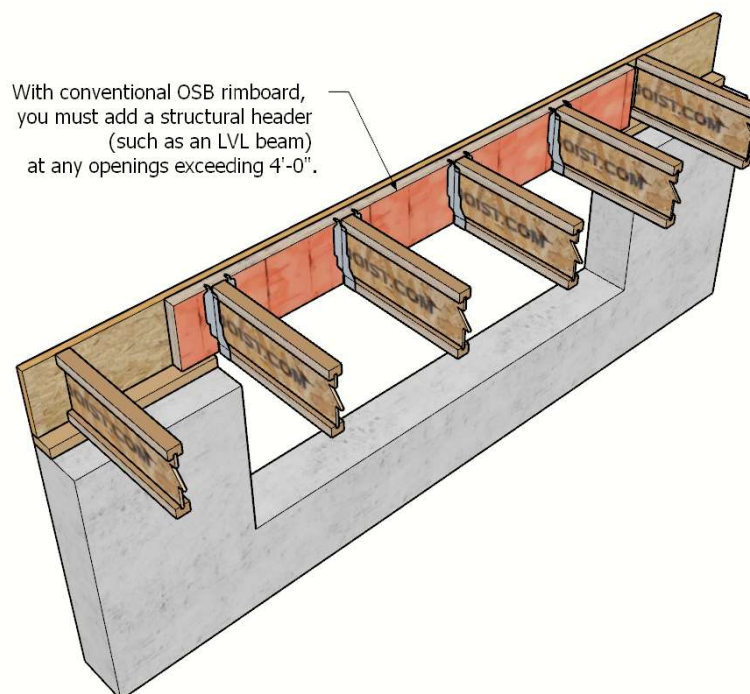
For more information download the technical document [TJ-8500](#) or contact your Weyerhaeuser Trus Joist® product representative at 1-888-453-8358.

¹ References: APA Performance Rated Rim Board® (Form W345C); Trus Joist® Rim Board Guide for Canada (TJ-8500)

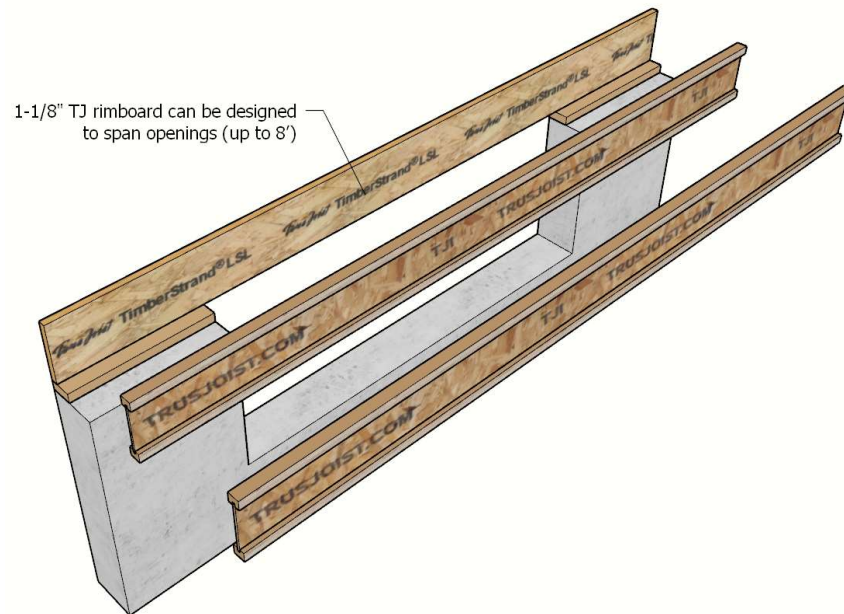
TJ® Rim Board – Joists Perpendicular



Commodity Rim Board – Joists Perpendicular



TJ® Rim Board – Joists Parallel



Commodity Rim Board – Joists Parallel

