

iLevel® Trus Joist® 1¼" TimberStrand® LSL Rim Board Header Table

Factored Total Load PLF Chart

Depth	1-Ply Rim Board*					2-Ply Rim Board				
	Rough Opening Width					Rough Opening Width				
	3' -0"	4' -0"	5' -0"	6' -0"	7' -0"	3' -0"	4' -0"	5' -0"	6' -0"	7' -0"
9½"	3,713	2,257	1,440	911	608	7,427	4,515	2,880	1,821	1,215
11⅞"	3,713	2,783	2,210	1,533	1,086	7,427	5,567	4,421	3,067	2,172
14"	3,713	2,783	2,225	1,853	1,541	7,427	5,567	4,451	3,707	3,083

*Perpendicular TJI® joist framing at 24" o.c. or less required for 1-ply applications. See detail below.

How to Use This Table

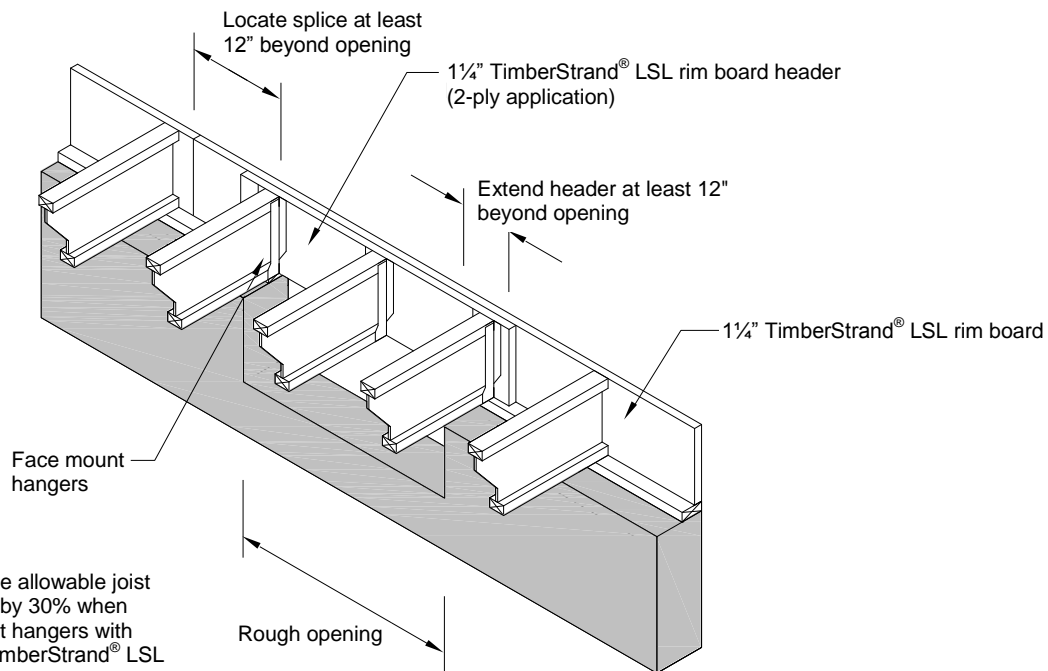
- Calculate total factored load (neglect member weight) on the header in pounds per linear foot (plf).
- Select the appropriate **Rough Opening Width (see figure below)**.
- Scan down to find a capacity that exceeds the actual total factored load; then identify the width at the top of the table and scan left for the proper depth.

General Notes

- Table based on:
 - Uniform loads (member weight considered) and the more restrictive of simple or continuous span.
 - Deflection criteria of L/240 total load and L/360 live load.
 - Minimum 12" intermediate and end bearing required. See detail below.

Additional Header Design Information

- For conditions where concentrated loads are to be supported by the header, contact your iLevel® Strategic Sales Representative for assistance.
- Support TJI® joists from rim board header with face mount hangers only. For 1 ply header applications, reduce hanger capacity as described in detail below. Clinch ends of hanger nails where necessary.
- Fasten 2-ply headers together with two rows of 8d (0.113" x 2.5") box nails at 4 inches on centre. Use three rows with 14" deep material.



NOTE: Decrease allowable joist hanger capacity by 30% when using face mount hangers with single ply 1¼" TimberStrand® LSL rim board.