SJS COMPONENTS

Express2Header
WINDOWS & DOORS

5-1/2" pictured above.

Simply A Better Window & Door Header!

- 3-1/2" width for 2x4 construction.
- 5-1/2" width for 2x6 construction.
- Available in depths of 7-1/4", 9-1/4" and 11-1/4".
- Value engineered for commercial jobs. Custom depths available (call for details).
- Full thermal break (foam core construction).
  3-1/2" *Express2Header* = R7.75
  5-1/2" *Express2Header* = R16
- Right size every time. No cupping, twisting, or bowing. Less call backs for drywall problems.
- Stock length is 16', custom lengths available.
- Bonded with exterior structural adhesive.
- One piece express installation.

3-1/2" Construction Description

- 1-1/4" LVL (Laminated Veneer Lumber)
- 1" of Expanded Polystyrene (EPS)
- 1-1/4" LVL (Laminated Veneer Lumber)

5-1/2" Construction Description

- 1-1/4" LVL (Laminated Veneer Lumber)
- 3" of Expanded Polystyrene (EPS)
- 1-1/4" LVL (Laminated Veneer Lumber)

These tables must be used in conjunction with the Freres LVL span tables.

Uniform Load (PLF) Allowable (1.5" Bearing Length Required at Each End)

SPAN	Header Depth 7-1/4" LL L/360	7-1/4" TOTAL LOAD	9-1/4" LL L/360	9-1/4" TOTAL LOAD	11-1/4" LL L/360	11-1/4" TOTAL LOAD
3'	1716	1716	1714	1714	1713	1713
3' 6"	1494	1494	1492	1492	1491	1491

Uniform Load (PLF) Allowable (3" Bearing Length Required at Each End)

SPAN	Header Depth 7-1/4" LL L/360	7-1/4" TOTAL LOAD	9-1/4" LL L/360	9-1/4" TOTAL LOAD	11-1/4" LL L/360	11-1/4" TOTAL LOAD
4'	1540	1540	1961	1961	2390	2390
5'	1098	1098	1553	1553	1912	1912
6'	762	762	1178	1178	1593	1593
7'		531	851	851	1235	1235

Reaction Capacity (lbs)

WIDTH	Bearing Length 1-1/2"	3"
2-1/2"	2800	5625

ICC-ES Evaluation Reports

- ESR-1962 Foam
- ESR-2403 LVL

LVL manufactured by:

www.frereswood.com

Made in USA

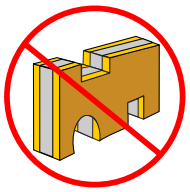
DESIGN ASSUMPTIONS:

1. Span is the center-to-center distance of the supports and is valid for simple span headers only.
2. The allowable loads represent the capacity of the member in pounds per lineal foot (plf) of length. The values in the tables are for uniform loads that are applied to the top of the LVL only.
3. Total Load is for normal (100% LDF) duration and is adjusted to account for the self-weight of the member.
4. Live Load (LL) deflection is limited to L/360. Total deflection is limited to L/240. Long term deflection (creep) has not been considered.
5. These tables assume full lateral support of the compression edge. Full support is considered to be a maximum unbraced length of 24".
6. Where the Live Load (LL) is blank, the Total Load governs the design.

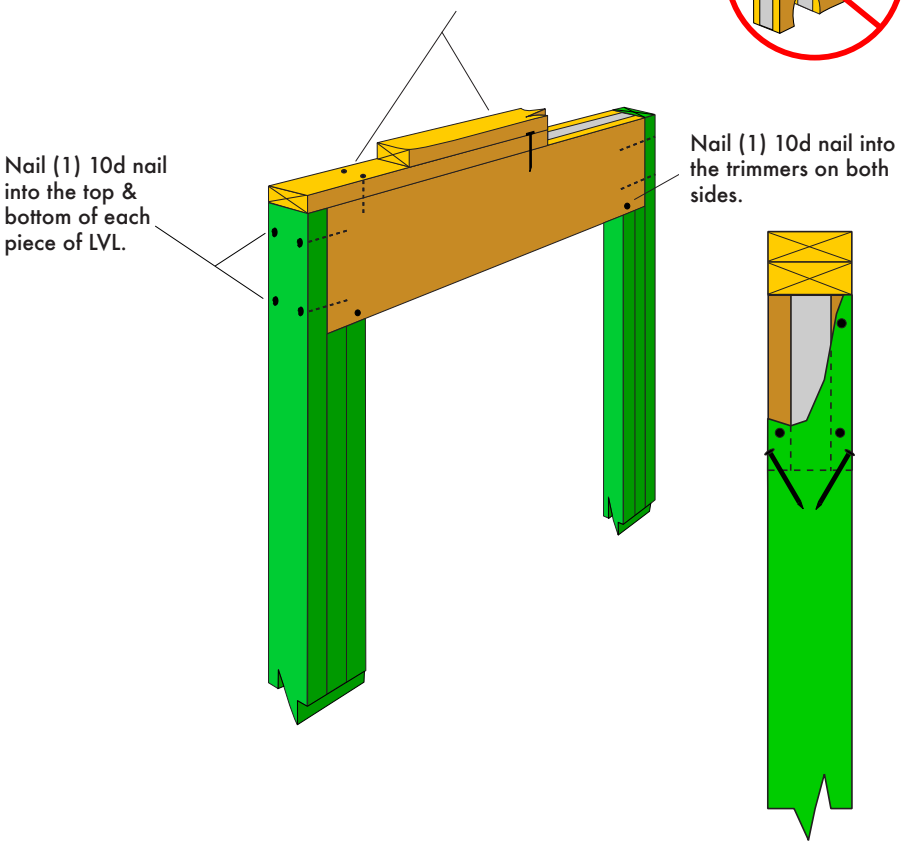
NOTES:

1. The maximum Reactions are based on the compression strength, perpendicular-to-grain, of the LVL. This is suitable for beams bearing on steel or the end-grain of studs.
2. Verify that the support for the beam is structurally adequate to carry the reaction. The compressive strength parallel-to-grain, of studs may require more studs than the bearing length above indicates.
3. For beams bearing on wood plates, the required bearing length will increase based on the bearing strength (compression perpendicular-to-grain) of the species and grade used for the plate material.
4. Verify local code requirements concerning minimum bearing.
5. No point loads.

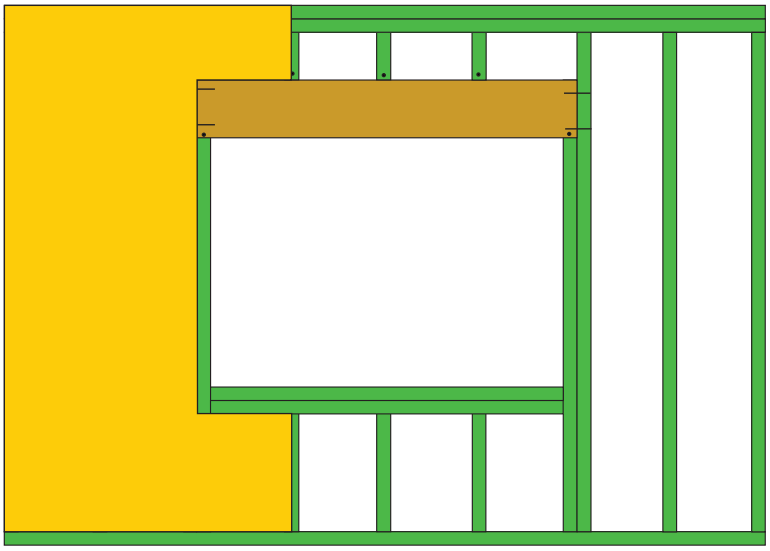
Express2Header WINDOWS & DOORS – Installation Details



Never cut, drill, or notch the *Express2Header*.

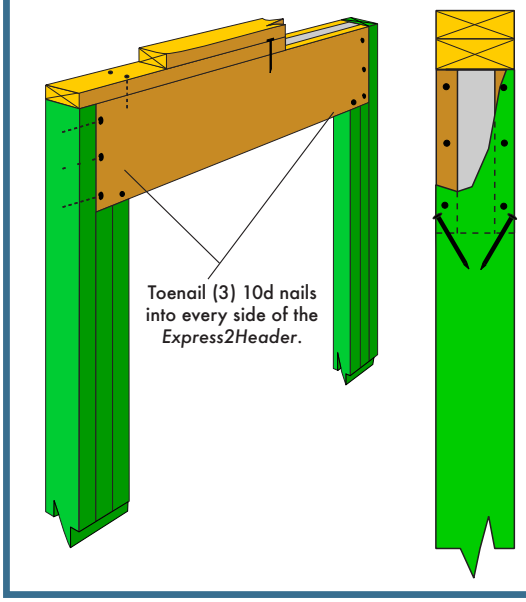


3-1/2″ pictured above.



Nail for lateral support at bearing as indicated. Use 10d nails.

Toenailing Option



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