



## LP SOLIDSTART LSL WINDOW AND DOOR HEADERS

## WHEN STRENGTH AND PRECISION MATTER MOST

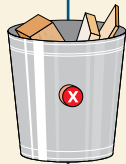
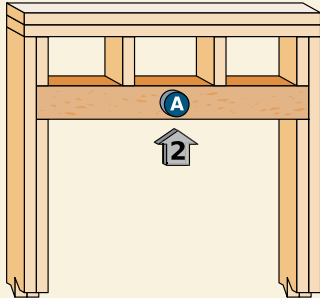
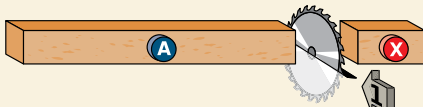
Lumber is officially obsolete. LP SolidStart Laminated Strand Lumber (LSL) is the perfect alternative. Made from a mixture of Aspen and Maple hardwoods, LP SolidStart LSL is harvested from sustainably managed sources. According to research, this mix has proven to produce a higher strength LSL. Our manufacturing process includes a state-of-the-art steam injection press, which cures resins for a stronger bond and straighter board with significantly less swelling. And because it's available in longer

pieces, it offers far greater design flexibility and faster installation than traditional lumber.

LP SolidStart LSL offers builders the ideal solution for window and door headers. With our 3-1/2" header you get a one-piece installation, which means no more time consuming build-ups. And, with our predictable performance, cracked drywall and nail pops around window and door frames is a thing of the past, resulting in fewer callbacks. LP SolidStart LSL: Better Performance. Better Value.

### COMPARING THE MATERIALS

#### LP SolidStart LSL 1.35E DOOR HEADERS



#### MATERIALS REQUIRED

- 1 pc 3-1/2" LSL header

#### PROCESS

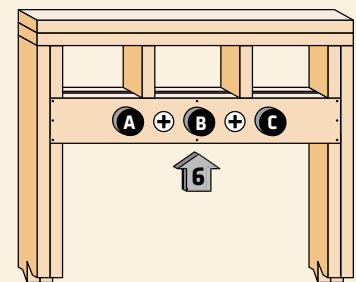
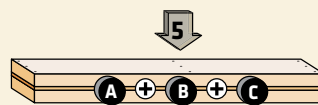
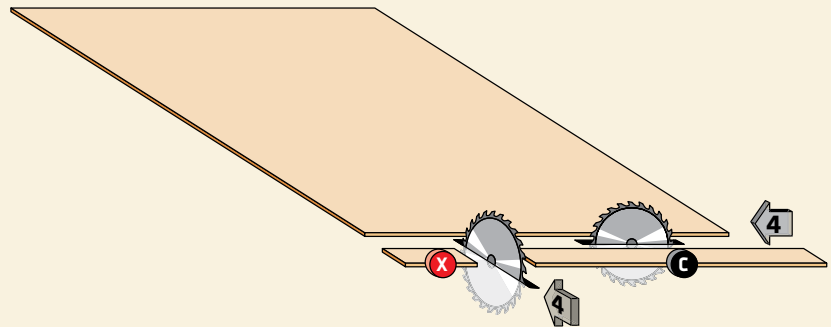
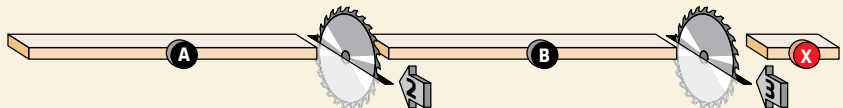
**STEP 1:** Make a true cut on one end of the LSL

**STEP 2:** Install the header

#### ADVANTAGES

- Less labor required
- Less waste

#### TRADITIONAL LUMBER DOOR HEADERS



#### MATERIALS REQUIRED

- 2 pcs of lumber
- 1 pc 1/2" sheathing

#### PROCESS

**STEP 1:** Select a straight piece of lumber

**STEP 2:** Cut the first piece of lumber

**STEP 3:** Cut the second piece of lumber

**STEP 4:** Cut the OSB filler

**STEP 5:** Nail the three pieces together

**STEP 6:** Install the header

#### LIMITATIONS

- More labor
- More waste

# THE LP® SOLIDSTART® LSL ADVANTAGE

## Less Drywall Cracks = Less Call Backs

- Won't shrink, warp, twist or bow
- Consistent so they stay flush with one another

## Greater Spans = Greater Design Flexibility

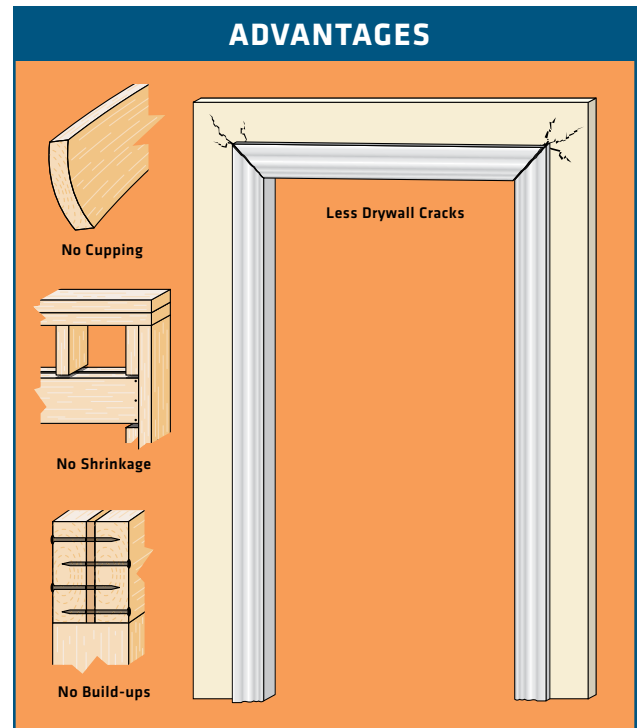
- Available in long lengths
- Stronger and straighter than traditional lumber
- Smaller depths allow for transoms and arched windows

## Faster Installation = Reduced Build Cycle

- Fewer pieces needed
- No build-ups required for 2 x 4 walls
- Fewer nails adds up to material savings

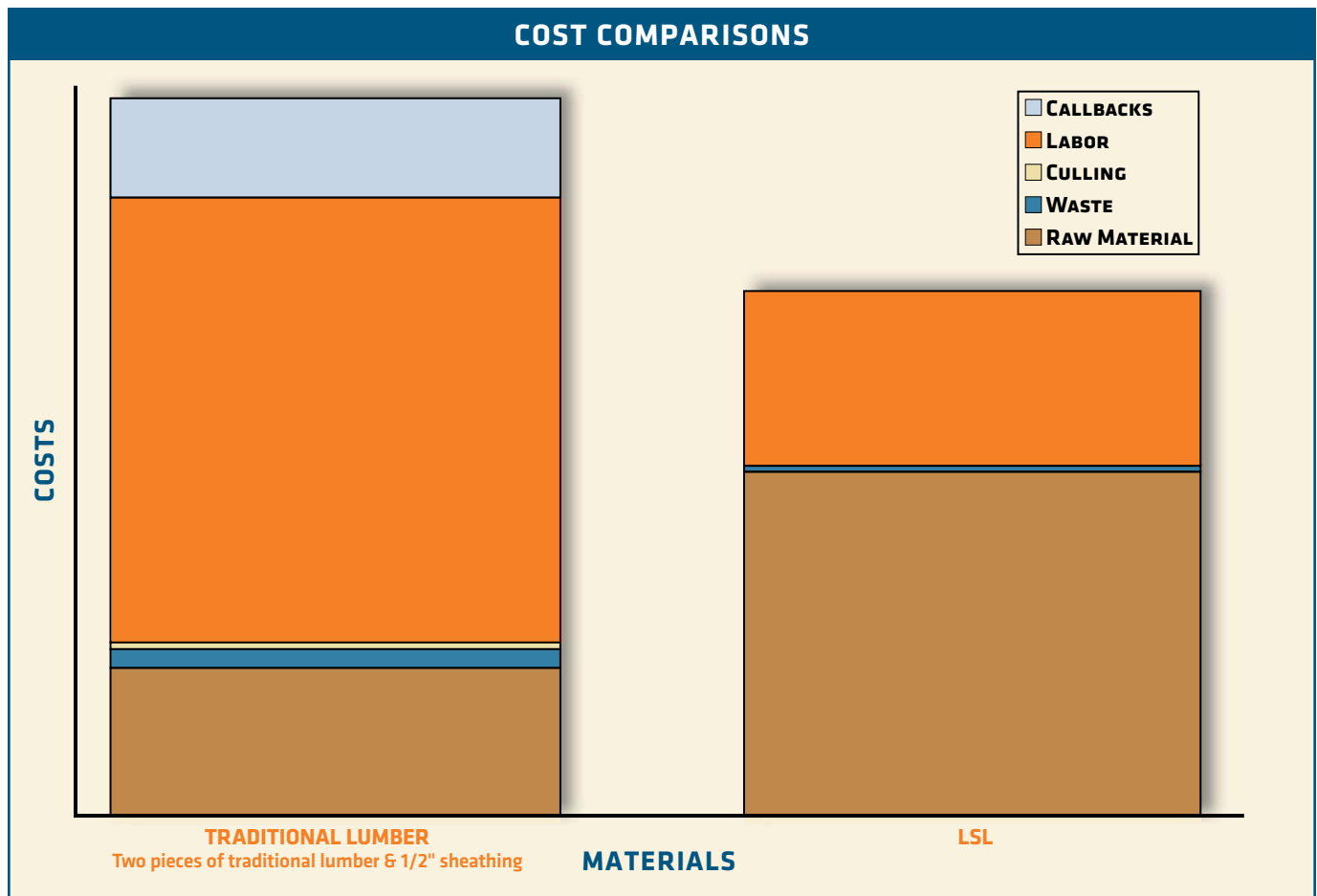
## Better Value = Better Homes

- Don't waste time culling
- Results in fewer call backs
- Less waste and less product needed
- Colored edge seal highlights use of engineered wood products with the homeowner
- Lifetime Limited Warranty



# FEWER CUTS, LESS PRODUCT, MORE SAVINGS

LP SolidStart LSL saves time and money, while reducing jobsite waste. There are no pieces to nail together or extra cuts to make. Just one true cut and you're ready to install. You use fewer pieces – and less product.



## SPANS THE DISTANCE

Stronger and straighter than traditional lumber, LP SolidStart LSL is available in long lengths to increase your design flexibility.

DESIGN LOADS ROOF: 20 PSF LIVE (115% or 125%), 15 PSF DEAD	Rough Opening	Header Width	Span Carried By Header										
			20'	22'	24'	26'	28'	30'	32'	34'	36'	38'	40'
3'-2"	3-1/2"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"
	5-1/2"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"
3'-8"	3-1/2"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"
	5-1/2"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"
4'-2"	3-1/2"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"
	5-1/2"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"
4'-8"	3-1/2"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	5-1/2"	5-1/2"	5-1/2"	5-1/2"
	5-1/2"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"
5'-2"	3-1/2"	4-3/8"	4-3/8"	5-1/2"	5-1/2"	5-1/2"	5-1/2"	5-1/2"	5-1/2"	5-1/2"	5-1/2"	5-1/2"	5-1/2"
	5-1/2"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	5-1/2"	5-1/2"
5'-8"	3-1/2"	5-1/2"	5-1/2"	5-1/2"	5-1/2"	5-1/2"	5-1/2"	5-1/2"	5-1/2"	5-1/2"	7-1/4"	7-1/4"	7-1/4"
	5-1/2"	4-3/8"	4-3/8"	4-3/8"	4-3/8"	5-1/2"	5-1/2"	5-1/2"	5-1/2"	5-1/2"	5-1/2"	5-1/2"	5-1/2"
6'-2"	3-1/2"	5-1/2"	5-1/2"	5-1/2"	5-1/2"	7-1/4"	7-1/4"	7-1/4"	7-1/4"	7-1/4"	7-1/4"	7-1/4"	7-1/4"
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6'-8"	3-1/2"	5-1/2"	7-1/4"	7-1/4"	7-1/4"	7-1/4"	7-1/4"	7-1/4"	7-1/4"	7-1/4"	7-1/4"	7-1/4"	7-1/4"
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7'-2"	3-1/2"	7-1/4"	7-1/4"	7-1/4"	7-1/4"	7-1/4"	7-1/4"	7-1/4"	7-1/4"	7-1/4"	7-1/4"	7-1/4"	7-1/4"
	5-1/2"	5-1/2"	5-1/2"	5-1/2"	5-1/2"	7-1/4"	7-1/4"	7-1/4"	7-1/4"	7-1/4"	7-1/4"	7-1/4"	7-1/4"
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	5-1/2"	5-1/2"	5-1/2"	7-1/4"	7-1/4"	7-1/4"	7-1/4"	7-1/4"	7-1/4"	7-1/4"	7-1/4"	7-1/4"	7-1/4"
8'-2"	3-1/2"	7-1/4"	7-1/4"	7-1/4"	7-1/4"	9-1/4"	9-1/4"	9-1/4"	9-1/4"	9-1/4"	9-1/4"	9-1/4"	9-1/4"
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8'-8"	3-1/2"	7-1/4"	9-1/4"	9-1/4"	9-1/4"	9-1/4"	9-1/4"	9-1/4"	9-1/4"	9-1/4"	9-1/4"	9-1/4"	9-1/4"
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9'-2"	3-1/2"	9-1/4"	9-1/4"	9-1/4"	9-1/4"	9-1/4"	9-1/4"	9-1/4"	9-1/4"	9-1/4"	9-1/4"	9-1/4"	9-1/4"
	5-1/2"	7-1/4"	7-1/4"	7-1/4"	7-1/4"	7-1/4"	7-1/4"	7-1/4"	9-1/4"	9-1/4"	9-1/4"	9-1/4"	9-1/4"

This table is for exterior wall header carrying roof load only.

### NOTES:

- Deflections are limited to L/360 live load and L/240 total load.
- Loads assume a 2' maximum overhang on the roof.
- Header width can be either a single piece of LSL or built up from multiple plies that are nailed, bolted or connected with other approved connectors.
- Refer to the LP SolidStart LSL Beam & Header Technical Guide for additional details.

## LP SOLIDSTART LSL CAN HELP BUILDERS WORK TOWARD GREEN BUILDING CERTIFICATION QUICKLY AND EASILY.

- LP SolidStart LSL uses SFI-certified wood from well-managed forests
- LP uses only a minimal amount of low-emitting, safe resin as a binder
- As an engineered product, LP SolidStart LSL uses less raw material and offers more consistent performance than traditional lumber

## LP PRODUCTS ARE A NATURAL CHOICE FOR BUILDING GREEN.

### As wood-based products they:

- Have a low environmental impact
- Are a renewable resource

### As engineered products they:

- Use raw materials more efficiently than traditional products
- Are made with low-emitting, safe resins

All of LP's wood-based products are made from third-party certified wood from sustainably managed forests.

## MATERIAL AND RESOURCE EFFICIENCY

### GREEN ATTRIBUTE

- Renewable Materials
- 3<sup>rd</sup> Party-Certified Wood Products
- Engineered Products
- Resource Efficient Materials

### WHY LP LSL QUALIFIES

- Wood-Based Product
- SFI-Certified Wood
- Engineered Product

## Selected Green Building Programs where LP SolidStart LSL helps builders earn points towards certification:



LP SolidStart Engineered Wood Products are manufactured at different locations in the United States and Canada. Please verify availability with the LP SolidStart Engineered Wood Products distributor in your area before specifying these products.

**Cal. Prop 65 Warning:** Use of this product may result in exposure to wood dust, known to the State of California to cause cancer.



For more information on the full line of LP SolidStart Engineered Wood Products or the nearest distributor, please contact 1.888.820.0325 or e-mail [customer.support@lpcorp.com](mailto:customer.support@lpcorp.com). Visit our web site at [www.lpcorp.com](http://www.lpcorp.com).

