

# STRONG FRAMING SOLUTIONS FOR TODAY'S HOMEBUILDERS

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**LP** **SolidStart**<sup>®</sup>  
ENGINEERED WOOD

# LP<sup>®</sup> SolidStart<sup>®</sup> LSL.

## The Strength You Need To Frame.

LP<sup>®</sup> SolidStart<sup>®</sup> LSL (Laminated Strand Lumber), the whole house framing solution, is ideal for virtually every framing application. Grades as high as 1.75E make it superior to traditional framing lumber and the commonsense replacement for LVL. Available in a wide range of thicknesses, lengths and depths, LP SolidStart LSL provides additional design flexibility and the strength you need to frame the whole house.



### Floor Beams

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- LSL is often a direct substitute for LVL due to increased compression and shear capacity
- 3½" thickness allows one-piece construction
- Longer spans increase design flexibility
- Cost-effective alternative to comparable LVL products



### Door & Window Headers

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- 3½" thickness provides one-piece header installation with no build-up required
- Stays straight, reducing the likelihood of drywall cracking around window and door framing
- Ideal in sliding glass door and specialty window header applications due to twisting and shrinking resistance
- Less prone to nail pops because it stays consistent



### Garage Door Headers

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- 3½" thickness provides one-piece header with no build-up required
- Cost-effective alternative to comparable LVL products
- Long lengths can allow continuous framing over garage return walls in high wind and seismic areas
- True 3½" thickness compared to 3⅝" glulam



### Roof Framing

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- 3½" thickness provides one-piece roof beam construction
- Ideal for complex and contemporary roof rafters, hips, ridges and valleys
- Longer spans increase design flexibility
- Cost-effective alternative to comparable LVL products



## LP® SolidGuard® LSL

- Ideal for sill plates in residential and multifamily construction
- Treated with zinc borate to protect against termites and fungal decay
- Treated throughout—no need to field treat after cutting or drilling
- LSL helps mitigate shrinkage in multi-story buildings



## Truss Chords

- Excellent plate and nail-holding capability
- Cost-effective alternative to comparable LVL products
- Does not split as easily as lumber and LVL
- I-Joist and lumber compatible depths ease transition to adjacent floor systems
- Well-suited for attic or girder applications



## Wall Framing

- Straight and true, with additional strength helping kitchen and bath cabinets stay level, countertops stay flush, and tile walls remain intact
- Matches traditional lumber sizes for easy integration into targeted wall framing
- Excellent for tall wall framing, typically in great rooms and foyers
- Consistent and dimensionally stable for straighter walls



## Rim Board

- High vertical load capacity and low shrinkage for mid-rise construction
- High lateral load capacity for seismic and high wind applications
- Precision cut to match LP SolidStart I-Joist depth and available in long lengths for faster installation

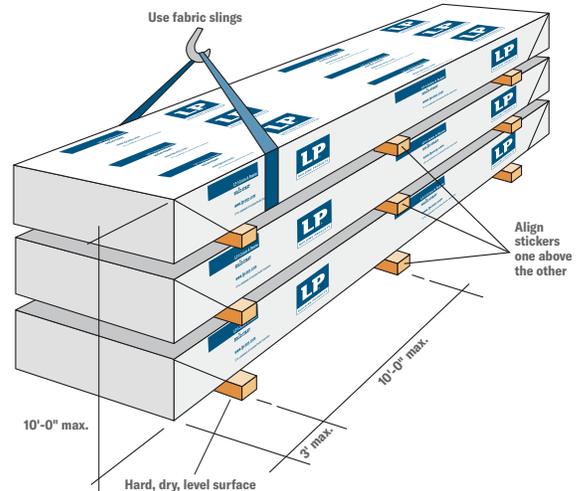


## Stair Stringers

- Long lengths allow for speed framing
- Less prone to splits, dog ears and tread support breakage
- Resists shrinking and twisting, reducing the likelihood of squeaks
- Uniform consistency minimizes waste

# HANDLING & STORAGE GUIDELINES

- **WARNING:** Failure to follow proper procedures for handling, storage and installation could result in unsatisfactory performance, unsafe structures and possible collapse.
- Keep LP® SolidStart® LSL dry. These products are intended to resist the effects of moisture on structural performance from normal construction delays but are not intended for permanent exposure to the weather.
- Unload products carefully, by lifting. Support the bundles to reduce excessive bowing. Individual products should be handled in a manner which prevents physical damage during measuring, cutting, erection, etc.
- Keep products stored in wrapped and strapped bundles, stacked no more than 10' high. Support and separate bundles with 2x4 (or larger) stickers spaced no more than 10' apart. Keep stickers in line vertically.
- Product must not be stored in contact with the ground, or have prolonged exposure to the weather.
- Use forklifts and cranes carefully to avoid damaging product.
- Do not use a visually damaged product. Call your local LP SolidStart Engineered Wood Products distributor for assistance when damaged products are encountered.
- For satisfactory performance, LP SolidStart Engineered Wood Products must be used under dry, covered and well-ventilated interior conditions in which the equivalent moisture content in lumber will not exceed 16%.
- For built-up members, LP SolidStart LSL shall be dry before nailing or bolting to avoid trapping moisture.
- LP SolidStart LSL shall not be used for unintended purposes such as ramps and planks.



## LP SolidStart LSL 1.35E, 1.55E, and 1.75E

Standard Thicknesses of 1-1/4" Rim, 1-1/2", 1-3/4", and 3-1/2"

Standard Depths of 3-1/2", 4-3/8", 5-1/2", 7-1/4", 9-1/4", 9-1/2",  
11-1/4", 11-7/8", 14", 16", 18", 20" and 24"

Standard Lengths up to 48', 12' for Rim. Longer lengths may be available depending on the grade and thickness.

For more information on the full line of LP SolidStart Engineered Wood Products or the nearest distributor, visit our web site at [LPCorp.com](http://LPCorp.com).

Phone: 1-888-820-0325

E-mail: [customer.support@LPCorp.com](mailto:customer.support@LPCorp.com).

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.

## CODE EVALUATION

Code evaluation reports can be obtained at [www.lpcorp.com](http://www.lpcorp.com)

ICC-ES: ESR 2403

APA: PR-L280 and PR-L280C

CCMC: LSL 13319-R, LVL 11518-R



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**For product catalog & complete warranty details, visit [LPCorp.com](http://LPCorp.com)**

**⚠ CAL. PROP 65 WARNING:** Drilling, sawing, sanding or machining wood products can expose you to wood dust, a substance known to the State of California to cause cancer. Avoid inhaling wood dust or use a dust mask or other safeguards for personal protection. For more information go to [www.P65Warnings.ca.gov/wood](http://www.P65Warnings.ca.gov/wood).

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