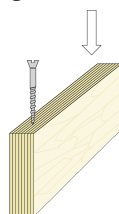


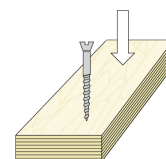
- As the largest producer of oriented strand board, LP is now introducing SolidStart LSL (laminated strand lumber) specifically developed for door and window components
- With our strand technology and steam injection press, LP SolidStart LSL is more uniform, resists splitting, holds screws better and remain straighter than traditional stave lumber

Core 38 LSL – Material Properties		
Property	Test Standard	Core 38 LSL
Target Average Density	ASTM D2395	38 pcf
Average Moisture Content	ASTM D4442	5 to 8%
Thickness Change (RH change from 50 to 90%)	ASTM D1037	4 to 5%
Width or Length Change (RH change from 50 to 90%)	ASTM D1037	< 1%
Average Internal Bond	ASTM D1037	80 psi
Flame Spread and Smoke Development Class	ASTM E84	Class C
Thermal Resistance	ASTM C518	1.30 R / in
Average MOE (edge or flat)	ASTM D4761	1.10 Mpsi
Average MOR (edge at 3-½ inches)	ASTM D4761	4,750 psi
Average MOR (flat)	ASTM D4761	5,100 psi
#12 Screw Withdrawal (edge)	WDMA TM-10	800 lbs / in
#12 Screw Withdrawal (face)	WDMA TM-10	850 lbs / in
Split Resistance (perpendicular to face)	WDMA TM-5	200 lbs / in
Split Resistance (parallel to face)	WDMA TM-5	1,100 lbs / in
Hinge Loading Resistance (edge at 4-½ inch hinge)	WDMA TM-8	675 lbs

Edge Orientation



Flat or Face Orientation



LP SolidStart LSL Manufacturing Plant Capabilities	
Product Dimensions:	Inches
Minimum Thickness	0.875
Maximum Thickness	3.500
Minimum Width	3.125
Maximum Width (<i>Offset piece can be +/- 6 inches</i>)	49
Minimum Length	84
Maximum Length	768
Gang Rip Saw:	Inches
Blade Kerf	0.230
Dimensional Tolerances:	Inches
Thickness (<i>Non-sanded</i>)	+/- 0.063
Thickness (<i>Sanded two sides</i>)	+/- 0.039
Width	+/- 0.063
Length	-0.000 / +0.750
Length (<i>PET- precision end trim lengths between 7 feet and 12 feet</i>)	+/- 0.063

Sustainability

- LP uses low-emitting, safe adhesives in the manufacture of LP SolidStart LSL and does not add any formaldehyde
- LP wood procurement targets small, fast growing trees for use in manufacturing so that forestlands can be replenished more quickly
- LP uses SFI® certified forest management and fiber sourcing system to help ensure that wood comes from well managed forests; LP SolidStart LSL is certified to the SFI chain-of-custody (CoC) standard



Warranty

LP warrants that as of the date of their manufacture, these products meet the specifications published in this document. ALL OTHER WARRANTIES, EXPRESS AND IMPLIED, ARE HEREBY DISCLAIMED INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. ANY CLAIM FOR BREACH OF THIS WARRANTY MUST BE MADE TO LP WITHIN 120 DAYS OF SHIPMENT OF THE PRODUCTS FROM LP'S MANUFACTURING FACILITY. DAMAGES FOR BREACH OF WARRANTY SHALL IN NO EVENT EXCEED THE PURCHASE PRICE PAID TO LP FOR THE AFFECTED PRODUCTS.

Contact

Roger Little
 Industrial Sales Manager
 Phone: 425-653-5430
 Email: roger.little@lpcorp.com