

**PRODUCT OVERVIEW**

- Strand-based composite wood panel
- Engineered as a direct replacement for plywood in upholstered furniture frames
- High density provides exceptional fastener holding strength
- Flat, consistent, and free of knots, voids, and other defects inherent in solid wood and plywood; will not warp, split, or delaminate
- Made in the U.S.

**PRODUCT SPECIFICATIONS**

- Provides additional strength and stiffness in the long (8') panel direction
- Formulated using Phenol Formaldehyde (PF) and pMDI resins
- Available in unsanded, one-side sanded, or two-side sanded panels
- Edges are without sealants or treatments
- Panels are APA grade stamped and LP SuperStruct trademarked

Physical Properties	23/32	19/32
Thickness (inches)	23/32" (0.719)	19/32" (0.594)
thickness tolerance (unsanded)	± 1/32" (0.032)	± 1/32" (0.032)
Width, Length (inches)	47 7/8" x 95 7/8"	47 7/8" x 95 7/8"
length, width tolerance	+1/8", - 0	+1/8", - 0
Squareness Tolerance	1/8" (.125")	1/8" (.125")
Straightness Tolerance	1/16" (.062")	1/16" (.062")
Panel density (lbs./cu.ft.) <sup>1</sup>	45.0	45.0
density tolerance	± 3.0	± 3.0
Average Panel Weight (lbs/panel) <sup>1</sup>	86.4	71.4
Panels per unit	43	53
<b>Mechanical Properties<sup>1,3</sup></b>		
Modulus of Rupture $\parallel$ (psi) <sup>2</sup>	5,420	5,420
Modulus of Rupture $\perp$ (psi) <sup>2</sup>	3,690	3,690
Modulus of Elasticity $\parallel$ (psi) <sup>2</sup>	829,500	829,500
Modulus of Elasticity $\perp$ (psi) <sup>2</sup>	502,000	502,000

<sup>1</sup>Average of 5 panels  
<sup>2</sup>Two tests per panel  
<sup>3</sup>ASTM D-1037

$\parallel$  Panels tested along strength axis (8')  
 $\perp$  Panels tested across strength axis (4')

**WORKABILITY**

- LP SuperStruct may be nailed, stapled, or screwed using standard frame fasteners on both the panel surface and edges
- Due to high density, additional air pressure may be needed on pneumatic tools to fully drive fasteners
- LP SuperStruct panels are dimensionally stable and flat, making them suitable for cutting in a variety of CNC routers
- Cutting LP SuperStruct into structural parts narrower than 4" is not recommended

**COMPLIANCE WITH STANDARDS**

- LP SuperStruct panels are quality verified by APA and are manufactured in conformance with U.S. Voluntary Product Standard PS2

**HANDLING/STORAGE INFORMATION**

- Designed and packaged for interior use only
- Store panels indoors in clean, dry, well-ventilated areas off the ground. Avoid temperature and humidity extremes

**ENVIRONMENTAL IMPACT**

- Made of engineered wood substrate, a renewable resource with a reduced environmental impact
- LP uses SFI<sup>®</sup> certified forest management and procurement systems, which help ensure wood comes from well managed forests
- Raw material procurement targets small, fast growing trees
- In LP's manufacturing process, no part of the log goes to waste
- Only low-emitting, safe resins are used as a binder

For more information, please call 800.964.6310 or visit us at [lpcorp.com](http://lpcorp.com).



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