

**LP<sup>®</sup> LVL Concrete Forming Beams**  
**Louisiana-Pacific Corporation**

**PR-L291**

Revised October 27, 2015

Product: LP<sup>®</sup> LVL Concrete Forming Beams  
LP Building Products, Louisiana-Pacific Corporation, 414 Union Street, Suite 2000, Nashville,  
Tennessee 37219  
(615) 986-5600  
[www.lpcorp.com](http://www.lpcorp.com)

1. Basis of the product report:
  - ASTM D5456-14b
  - PFS Corporation Test Reports (Louisiana-Pacific Canada Ltd., Golden, British Columbia): 1750F<sub>b</sub> - 1.3E Douglas-fir LVL, 2250F<sub>b</sub> - 1.5E Douglas-fir LVL, 2250F<sub>b</sub> - 1.5E Lodgepole pine LVL, 2950F<sub>b</sub> - 2.0E Douglas-fir LVL
  - APA Reports T2005P-13, T2005P-76A, T2006P-06, T2008P-10, T2008P-31, T2008P-43, T2010P-33, T2012P-08, T2014P-16, and T2014P-28, and other qualification data
2. Product description:

LP LVL concrete forming beams are made with wood veneers laminated with grain parallel to the length of the member in accordance with the in-plant manufacturing standards approved by APA except that 1750F<sub>b</sub>-1.3E concrete form beams contain veneers oriented 90 degrees (cross-ply) to the length of the member. LP LVL concrete forming beams are available in a range of thicknesses (1-1/2 inches to 3-1/2 inches), depths (3-1/2 inches to 11-1/4 inches) and lengths. Refer to the manufacturer's technical guide and a local LP Engineered Wood Products distributor for product availability.
3. Design properties:

Table 1 lists the design properties for LP LVL concrete forming beams. The allowable spans for LP LVL concrete forming beams shall be determined based on the design properties provided in this report and the recommendations provided by Louisiana-Pacific Corporation as published in the *LP LVL Concrete Forming Beam Technical Guide* (Lit. Item LPEW0248) available at [www.lpcorp.com/resources/literature/](http://www.lpcorp.com/resources/literature/).
4. Product installation:

LP LVL concrete forming beams shall be installed in accordance with the recommendations provided by Louisiana-Pacific Corporation (see link above) and the engineering drawing(s) approved by the engineer of record. Permissible details shall be in accordance with the engineering drawing(s).
5. Storage, handling, inspection and evaluation:

The storage and handling of LP LVL concrete forming beams shall be in accordance with the recommendations provided by Louisiana-Pacific Corporation (see link above). LP LVL forming beams shall be thoroughly visually inspected by a qualified person to ensure they are new or like-new prior to use. A guide for the evaluation of visual defects and subsequent required action are provided by Louisiana-Pacific Corporation.
6. Limitations:
  - a) LP LVL concrete forming beams shall be designed using the design properties provided in this report.
  - b) LP LVL concrete forming beams are limited to dry service conditions where the average equilibrium moisture content of sawn lumber is less than 16 percent.



APA – *The Engineered Wood Association* is an approved national standards developer accredited by American National Standards Institute (ANSI). APA publishes ANSI standards and Voluntary Product Standards for wood structural panels and engineered wood products. APA is an accredited certification body under ISO/IEC 17065 by Standards Council of Canada (SCC), an accredited inspection agency under ISO/IEC 17020 by International Code Council (ICC) International Accreditation Service (IAS), and an accredited testing organization under ISO/IEC 17025 by IAS. APA is also an approved Product Certification Agency, Testing Laboratory, Quality Assurance Entity, and Validation Entity by the State of Florida, and an approved testing laboratory by City of Los Angeles and Miami-Dade County.

**APA – THE ENGINEERED WOOD ASSOCIATION  
HEADQUARTERS**

7011 So. 19<sup>th</sup> St. • Tacoma, Washington 98466  
Phone: (253) 565-6600 • Fax: (253) 565-7265 • Internet Address: [www.apawood.org](http://www.apawood.org)

**PRODUCT SUPPORT HELP DESK**  
(253) 620-7400 • *E-mail Address:* help@apawood.org

**DISCLAIMER**

APA Product Report® is a trademark of APA – *The Engineered Wood Association*, Tacoma, Washington. The information contained herein is based on the product evaluation in accordance with the references noted in this report. Neither APA, nor its members make any warranty, expressed or implied, or assume any legal liability or responsibility for the use, application of, and/or reference to opinions, findings, conclusions, or recommendations included in this report. Consult your local jurisdiction or design professional to assure compliance with code, construction, and performance requirements. Because APA has no control over quality of workmanship or the conditions under which engineered wood products are used, it cannot accept responsibility for product performance or designs as actually constructed.