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The Engineered Wood Association

December 6, 2005

To Whom It May Concern:

APA has conducted tests on Pacific Woodtech I-joists and LVL treated with the Permapost Hi-Clear II™ preservative system. Full-scale creep, stiffness, moment capacity, shear, reaction, web hole, and vertical load tests were conducted on I-joists in accordance with ASTM D5055. Compression, shear, bending, tension, and fastener tests were conducted on LVL in accordance with ASTM D5456. Test results show no statistically significant difference between the dry mechanical properties of treated and untreated I-joists and LVL.

Pacific Woodtech I-joists and LVL treated with the Permapost Hi-Clear II™ preservative system are recommended only for interior applications, or protected, above-ground exterior applications, at an in-service moisture content of 16% or less.

Technical Services Division