



“As we evaluated the SAVE™ Program, we felt that ICC-ES® was up to the challenge and technically competent not only to verify product environmental performance, but to evaluate our products to each of the major green building rating systems.

This is the first comprehensive report that really tackles more than one green building standard.”

— Rob Brooks, iLevel Green Building Programs Director

From the ground up: go green with iLevel® by Weyerhaeuser

Designers, specifiers, and builders looking for a “one-stop shop” for their green building needs now have the solution — iLevel® by Weyerhaeuser. From specification to framing, iLevel offers verified environmentally responsible products to ensure you’re building green and able to qualify for points under the major green building rating systems.

To do that, iLevel turned to its “one-stop shop,” the ICC Evaluation Service® (ICC-ES®) SAVE™ Program. ICC-ES® created the Sustainable Attributes Verification and Evaluation Program™ (SAVE™)— to verify manufacturers’ claims about the environmental footprint of their products.

“We’ve been working with ICC-ES® with respect to structural and fire-related code issues since 1971, when Weyerhaeuser received its first code evaluation report,” says Rob Brooks, iLevel Green Building Programs Director. “As we evaluated the SAVE™ Program, we felt that ICC-ES® was up to the challenge and technically competent not only to verify product environmental performance, but to evaluate our products to each of the major green building rating systems. This is the first comprehensive report that really tackles more than one green building standard.”



iLevel's full range of engineered wood products and solid sawn lumber received a Verification of Attributes Report™ (VAR™-1008) from ICC-ES® based on multiple environmental attributes: bio-based material content, regionally sourced or manufactured materials, air quality emissions, and certified wood content. The complete list of products and cross-references to their corresponding ICC-ES® Evaluation Reports® for code-compliance issues, where applicable, are listed at the end of this article.

Weyerhaeuser, listed on the Dow Jones Sustainability Index, incorporates dozens of sustainability practices from the forest to the job site. Company timberlands are independently certified by the Sustainable Forestry Initiative® standard and all iLevel products use certified fiber sourcing. In addition, iLevel's efficient manufacturing processes use nearly 100 percent of every log.

"The iLevel report is the most extensive under the SAVE™ Program to date and goes beyond the normal evaluation process of evaluating single attributes to help users of the report make sense of the various green rating systems and standard requirements and to show how iLevel products may be eligible for points under those systems or standards," explains Steve Thorsell, Director of Special Projects for ICC-ES®.

The green building rating systems, standards and codes included in iLevel's VAR™ are the 2008 National Association of Home Builders' and International Code Council's (ICC®) *National Green Building Standard™*, U.S. Green Building Council's (USGBC) *LEED® 2009 for New Construction and Major Renovation* (as well as Version 2.2), USGBC's *LEED for Homes, 2008 California Green Building Standards Code* (Title 24, Part 11), and Green Building Initiative™'s Green Globes™.

"With so many green rating systems and standards, there is a lot of confusion in the marketplace. The VAR™ lets our customers know exactly which credits and points our products are eligible for," says Brooks. "Just as our ICC-ES® Evaluation Reports® show product compliance to the building codes, the VAR™ demonstrates product compliance to multiple green building rating systems. There is a lot of information packed into the VAR™ that keeps project documentation to a minimum, making it simpler to comply with the rating requirements. Designers and builders benefit because it's easier for them to do business, and code officials benefit because it's easier for them to determine code or regulatory compliance."

VAR™-1008 also includes consideration of iLevel software programs designed to improve efficiency and minimize job site waste. Javelin® specifies optimized combinations of residential engineered wood products and dimension

lumber; TJ-Xpert® software analyzes the structural floor framing and develops sizing solutions, material lists, framing plans, and installation details; and NextPhase® Site Solutions is a package of structural building products, services, software, and fabrication equipment designed to save time and money.

"More and more people ask, 'To what degree are your products green?' and if you say they are green, you have to prove how and why," explains Brooks. "SAVE™ helps us demonstrate that iLevel products, software, and customer services comply with the major green building rating systems. With SAVE™ it's easier to make product and framing technique decisions in a points-based system and provides us with a consistency of interpretation between green building rating systems."

In addition to the software, VAR™-1008 evaluated a broad range of products including iLevel Trus Joist®:

TJI® Joist (ESR-1153)

TimberStrand® LSL (ESR-1387)

Parallam® PSL (ESR-1387) and Parallam® Plus PSL

Microllam® LVL (ESR-1387)

StrandGuard® TimberStrand LSL (ESR-1387)

Also included are the following:

iLevel Shear Brace (ESR-2652)

iLevel Edge™ and iLevel Edge Gold™

iLevel Radiant Barrier Sheathing

iLevel Framer Series® Lumber

Weyerhaeuser Lumber, Green Stud, Sheathing and Plywood

To view all Weyerhaeuser products evaluated under VAR™-1008, please click on the link below.

A nonprofit organization, ICC-ES® is the United States' leading evaluation service for innovative construction materials and systems. ICC-ES® developed the SAVE™ Program in conjunction with International Code Council® activities that are aimed at developing and fostering sustainable design and construction.

To find out more about the environmental attributes of these products, view **VAR™-1008** at <http://saveprogram.icc-es.org/reports/pdf/VAR-1008.pdf> issued September 1, 2009. All SAVE™ VAR's can be accessed and downloaded free of charge at www.icc-es.org/save.

This article is intended to provide information on a product for which an ICC-ES® SAVE™ VAR™ has recently been issued. It should not be construed as a product endorsement or a recommendation for its use.