

BUILDING GREEN



From the Forest Floor to an iLevel® Floor, Build Green with iLevel by Weyerhaeuser

With iLevel, building green doesn't start at the job site, it starts in our forests. And our commitment to the environment is evident every step of the way, from practicing sustainable forestry to developing construction techniques that reduce jobsite waste.

IN OUR FORESTS



As owners and stewards of millions of acres of forestlands we're committed to sustainable forestry.

- Every year we plant more than 100 million seedlings.
- To help ensure the availability of forests for future generations, our timberlands are independently certified to either the Sustainable Forestry Initiative (SFI) standard or the Canadian Standards Association (CSA/Z809) Sustainable Forest Management standard.

IN OUR MILLS



We're making the most of every log.

- On average, we use 99% of every log to produce wood products and to generate energy.
- More than half of the energy needed to make iLevel building materials comes from by-products of the manufacturing process, reducing our reliance on fossil fuels.
- We performance-test each iLevel-branded lumber product to make sure it's suited for its use, helping to eliminate overbuilding by maximizing material strength.
- Our engineered wood products are made using advanced technologies that allow us to use the wood fiber from trees less suitable for structural lumber and efficiently turn it into strong building materials with predictable performance.
- In 2006 the products we manufactured stored the equivalent of 8.3 million tons of CO₂.
- No urea formaldehyde resins are added to any of our products.
- iLevel manufacturing facilities and products are independently certified to sustainable forestry standards (SFI or CSA).

ON THE JOBSITE



We've developed innovative products and solutions that help increase efficiencies and reduce jobsite wood waste.

- iLevel products, software and solutions can help builders earn points in current green building programs. See reverse side for more details.
- iLevel software maximizes performance and minimizes waste. Through accurate load distribution and 3D modeling, our software tools help designers to reduce overbuilding by putting the right materials where they are needed, and to catch problems in the planning stages, saving in transportation costs and jobsite waste.
- Our NextPhase® Site Solutions provide a comprehensive package of structural building products, services, software, and fabrication equipment to help increase efficiencies and reduce jobsite waste.

iLEVEL PRODUCTS ARE:

- Renewable & Biobased
- Low Emitting
- Resource-Efficient
- Made Using Renewable Energy
- Certified to Sustainable Forestry Standards
- Manufactured in the U.S. and Canada Under Environmental Management Systems

iLEVEL FRAMING SOLUTIONS PROVIDE:

- Detailed Framing Documents
- Detailed Cut Lists
- Precut Framing Packages
- Prefabricated Components
- Advanced Framing Techniques



CANADIAN GREEN BUILDING PROGRAMS

iLevel products, software and solutions can help builders earn points in green building programs, including the two programs most commonly used in Canada for residential construction: Built Green™ and LEED® Canada - Homes. Both programs are voluntary, designed to promote green building practices and reduce the impact of residential construction on the environment.



Building with iLevel can help builders potentially earn points in the following categories.

Building Materials and Resource Use	Built Green™ (published January 2007)	LEED® Canada – Homes (published March 2009)
Detailed Framing Documents. iLevel NextPhase Site Solutions, Javelin Design Software and TJ-Xpert can provide detailed framing or structural plans, material quantity lists and/or on-site cut lists for framing materials.		Material and Resources (MR) MR 1.1 (prerequisite) MR 1.2 - 1 point for detailed framing documents MR 1.3 - 1 point for detailed cut list
Pre-Cut Framing Packages and Panelized Construction. iLevel NextPhase Site Solutions provide a comprehensive package of structural building products, services, software, and fabrication equipment to help increase efficiencies and save energy.		MR 1.4 - 1 point for pre-cut framing packages or TJI® floor trusses MR 1.5 - Up to 4 points for panelized construction
Certified Wood Products. iLevel manufacturing facilities in the U.S. and Canada are independently certified to sustainable forestry standards (SFI or CSA).	Building Materials (Chapter 2) 2-13 - 1 point each for certified lumber used in the deck/veranda surface and/or structural framing 2-16 - 1 point for certified lumber used in floor framing 2-17 - Up to 2 points for certified lumber used in wall framing 2-18 - 1 point for certified lumber used in roof framing	
Engineered Wood Products (EWP). iLevel's patented manufacturing technologies allow us to use the wood fiber from trees less suitable for structural lumber and efficiently turn it into strong building materials with predictable performance. This results in better performing homes that can be built using less material.	2-19 - Up to 2 points for EWP used in the floor system 2-20 - Up to 2 points for using EWP for all load bearing beams and columns 2-21 - 1 point for EWP used for all exterior window and door headers 2-22 - 1 point for using finger-jointed or EWP plate material 2-23 - 1 point for using EWP in 10% of structural stud wall framing	
Regional Materials. iLevel manufacturing facilities are located near raw materials sources and are available throughout the U.S. and Canada	Business Practices (Chapter 8) 8-1 - 1 point per product (up to 5 points total)	MR 2.2 - 1/2 point per product
Indoor Environmental Quality	Built Green™ (published January 2007)	LEED® Canada – Homes (published March 2009)
Low Emitting. Urea formaldehyde resins are not added to any iLevel products	Indoor Air Quality (Chapter 4) 4-11 - 1 point for low formaldehyde sub floor sheathing	

Please note: Not all products qualify for all categories. Please consult www.builtgreencanada.ca and www.cagbc.org for complete details.

In addition to the categories outlined above, working with iLevel and iLevel dealers can help builders earn additional points in Built Green for applying optimum value engineering (OVE) principles to a homes structural frame. By utilizing iLevel design tools, such as Javelin™ Design Software and TJ-Xpert® software, iLevel dealers and other design professionals can help builders optimize the structural frame, putting the right material where needed and eliminating it where it is not required. Talk to your iLevel representative about how we can help optimize your structural frame.

www.iLevel.com ■ 1.888.iLevel8 (1.888.453.8358)