

Katahdin Cedar Log Homes shares current concerns about the environment. “Green” building not only saves money, it cuts the effect of global warming on our environment. Being energy efficient, managing our forests responsibly, and recycling materials are nothing new to Katahdin—new climate imperatives make our contribution to “green” goals that much more important. Here are some of the ways Katahdin is keeping “green.”



## Northern White Cedar

Our Northern White Cedar is a renewable resource with special qualities:

- **Natural resistance.** Cedar produces a chemical that is naturally resistant to rot, and acts as the tree’s defense against insects.
- **Less moisture.** Cedar naturally has less moisture, so our logs can be air dried. Pine requires kiln drying using carbon-based fuels to kill any insects, and to remove the extra water content to produce a usable log.
- **Sustainable forests.** Unlike pine grown on plantations which require intensive application of fertilization and insecticides, Northern White Cedar is able to regenerate forest growth without human interference.
- **Better insulation.** Cedar’s superior insulation properties give homeowners an advantage in lowering heating and cooling costs. Northern White Cedar has an R-Factor of 1.41 per inch of thickness—the highest of any species used in log homes, while pine has an average R-Factor of 1.12 per inch.

## SmartWood Certified Forest Stewardship Council Producer

Katahdin believes that “green” building is essential for the future:

- **Green leadership.** Katahdin Cedar Log Homes is the only log home manufacturer to earn Forest Stewardship Council (FSC) Chain of Custody Certification certified by the SmartWood program.



- **Cedar from responsibly managed forests.** SmartWood certifies that Katahdin can offer Northern White Cedar products from FSC forests. Katahdin’s FSC-pure products include log wall stock, interior and exterior trim, decking, log siding, and cedar support posts.
- **Gold standard in green building.** An essential component in the national rating system “LEED for Homes” green building program, FSC-pure forest products are required by the US Green Building Council to comply with this environmental standard. LEED stands for US Green Building Council’s Leadership in Energy and Environmental Design program.

## Design Capabilities & “LEED for Homes”

- **Award winning design department.** Awarded the Builder Friendly Award by the industry publication *Building Systems Magazine*, Katahdin is recognized in the log home industry for its high-level builder training, customer service and in-house design team.
- **Poised for LEED-ership.** Though LEED has been an accepted national standard for commercial buildings for several years, the “LEED for Homes” program is in its infancy. Katahdin is actively working to training LEED standard building, which analyzes the environmental impact of each step and element to building a home.

# Keeping Katahdin Green

## Green Manufacturing

We've applied green practices to our manufacturing process in Oakfield, Maine:

- **Waste wood to heat.** Katahdin's 14-million BTU wood fired biomass boiler recycles the mill's sawdust and wood waste, cutting our fossil fuel consumption by 90%.



- **Waste potatoes to vehicle fuel.**

Katahdin's commercial ethanol distiller ferments culled potatoes from nearby farms into ethanol—projecting about 100 gallons a day—to cut vehicle gasoline consumption by about 50%. The company is also planning to replace traditional vehicles with flex fuel vehicles, which can use a higher percentage of ethanol fuel.

- **Computerized house line.** Our state-of-the-art house line cuts, drills and finishes logs using an interface with your house plans. The bar-coded cedar logs enable easier construction and eliminate the need for costly on-site cutting and drilling.

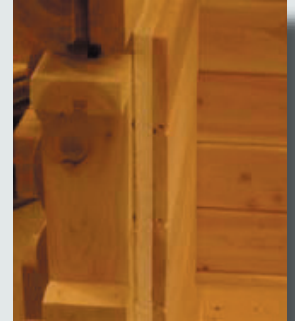


- **All the log... and nothing but the log.** We don't like to waste any part of the logs, so the bark is converted to mulch, and those logs that aren't used for log walls are milled into fencing, planking and siding, among other useful products. The remaining sawdust is sent to the biomass boiler.

## Energy Efficient Homes

Better insulation means less money and less fuel:

- **Katahdin's Insulation Package.** Our unique insulation package—included at no additional cost—maintains the look of cedar log walls on the interior of the home, while increasing the R-value of a six inch log wall by 97%.
- **Extra attention to windows and doors.** Katahdin includes highly insulated Andersen Windows and Therma-Tru doors, designed to reduce heat loss and cut fuel consumption.



## Environmentally Friendly Maintenance

Katahdin Cedar Log Homes have a green advantage when it comes to maintenance:

- **No harmful insecticide treatments.** Cedar has tremendous natural resistance to insects and pests, through its natural oils.
- **Eco-friendly stain and topcoats.** Katahdin recommends the environmentally friendly formulations from Perma-Chink for exterior and interior stains, topcoats and finishes. All their products meet federal VOC standards.



**KATAHDIN**  
CEDAR LOG HOMES