

Green Design: Housing



Green Building Guidelines:

- nationally recognized baseline
- minimum thresholds
 - resource-efficient
 - cost-effective

Source: www.nahb.org

“Taking Green to the Mainstream”

- NAHB Resolution on Green Building (Jan. 2003)
- Green Builder Subcommittee of the Codes and Construction Standards Committee
- National Green Building Conference (Mar. 2004)
- National Green Building Awards
- Model Green Home Building Guidelines (Jan. 2004)
- Suite of Online Tools



Source: www.nahb.org

“Support for Green Building” NAHB Resolution



- Member Interest
- Positive Image
- Success Stories
- National Advocacy
- Potential Competition
- Voluntary, Market-Driven Solutions

Conference Programming

- Land Development
- Site Planning
- Resource Efficiency
- Water Conservation
- Indoor Air Quality
- Energy Efficiency
- Operations Maintenance
- Home Owner Education
- National Green Building Awards



National Green Building Awards

- Green Advocate Award



- Green Project of the Year

- Green Building Program of the Year



- Outstanding Green Product Award



Research Tools

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Life-Cycle Assessment for Buildings: Seeking the Holy Grail

Few in the world are as sophisticated as the United States' advanced building codes that address the design of structures, and just as important, the construction practices, building materials and the various end uses over their 100-year lifetimes. Building a cost-effective, resilient, sustainable building is a complex, multi-faceted task. It is a process that involves many stakeholders, from the architect to the contractor, the building owner, the building user, the building operator, the building maintainer, the building demolisher, and the building recycler. The building lifecycle is a long and complex one, and it is one that is often overlooked in the design and construction process.

While environmental factors are building practices and end uses, codes are the rules that govern the building process. They are the rules that govern the building process, and they are the rules that govern the building process. They are the rules that govern the building process, and they are the rules that govern the building process.

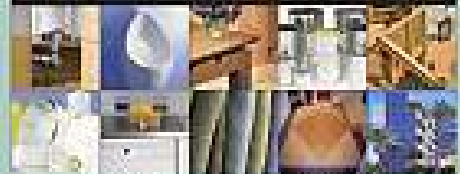
What is LCA?
 Life-cycle assessment (LCA) is a process that evaluates the environmental impacts of a product or service over its entire life cycle. It is a process that evaluates the environmental impacts of a product or service over its entire life cycle. It is a process that evaluates the environmental impacts of a product or service over its entire life cycle.



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GREENSPEC DIRECTORY



PRODUCT DIRECTORY with GUIDELINE SPECIFICATIONS

From the Editors of Environmental Building News

Fourth Edition

BUILDINGGREEN

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BioBase 501

- Earth friendly - soy-based formula
- Adheres to any surface
- Conforms to any shape with ease
- Seals all cracks crevices and voids
- Excellent acoustical insulation
- Resistant to pests - no food value
- Class 1 fire rated



Soy-Based Formula



- Significantly reduces utility bills
- Reduce the size of HVAC system
- Reduces airborne allergens
- Helps eliminate moisture problems in wall cavities
- Does not support mold growth
- Reduces dust - no fibers or loose matter
- Increases indoor air quality (IAQ)

Long-Term Objectives

- Promote resource-efficient construction;
- Encourage research and use of new technologies and practices;
- Stimulate market demand for cost-effective, environmentally-friendly construction;
- Provide education on the benefits of builder- and market-driven green building practices.

