LEED-H
Leadership in Energy and Environmental Design for Homes

Designed to save energy and money. To earn certification under the U.S. Green Building Council's (USGBC) Leadership in Energy and Environmental Design (LEED®) rating system, projects must not only satisfy all LEED system prerequisites, but also earn a minimum number of credits.

For homeowners wanting to achieve LEED credits, GreenFiber insulation makes sense. Blow in natural fiber insulation made with 85% recycled paper fiber , is perfect to fill in the smallest gaps and voids in any attic and the natural density of our insulation makes it a durable, safe, cost-effective solution.

GreenFiber meets four significant criteria used in the USGBC's LEED certification ratings system:

- conserve energy for heating and cooling
- improve building durability
- improve indoor environmental quality
- reduce demand for raw materials.

More information about the wide range of product environmental attributes can be found at Truth Be Told.

LEED for Homes Contribution Chart

When applied properly, GreenFiber's natural fiber insulation products will contribute materially toward earning points in a LEED certification in the following prerequisite(s) and/or credit(s) under the LEED for Homes rating system (LEED-H).

LEED Category and Credit	LEED Requirement	Product Contribution
Energy & Atmosphere (EA)		
EAp1.1: Performance of ENERGY STAR for Homes	Improve the overall energy performance of a home by meeting or exceeding the performance of an ENERGY STAR labeled home.	GreenFiber insulation contributes to an energy-efficient home.
EAc1.2: Exceptional Energy Performance (1 - 34 points)	Exceed the performance of ENERGY STAR for Homes. Home Energy Ratings Standards (HERS) index is utilized to determine number of points received in the LEED for Homes rating system.	Seal and Insulate with ENERGY STAR
EAp2.1: Basic Insulation	Install insulation that meets or exceeds the R-value requirements listed in Chapter 4 of the 2004 International Energy Conservation Code. And, install insulation to meet the Grade II specifications set by the National Home Energy Rating Standards.	GreenFiber insulation meets Grade I specifications set by the National Home Energy Rating Standards.
EAc2.2: Enhanced Insulation (2 points)	Install insulation that exceeds the R-value requirements listed in Chapter 4 of the 2004 International Energy Conservation Code by at least 5%. And, install insulation to meet the Grade I specifications set by the National Home Energy Rating Standards.	GreenFiber insulation installation practices ensure that gaps and incomplete fill amounts will be less than the 2% maximum required to meet this credit. GreenFiber natural fiber insulation meets Grade I specifications set by the National Home Energy Rating Standards.
EAp3.1: Reduced Envelope Leakage	Meet the air leakage requirements shown in Table 17 of the LEED for Homes Reference Guide.	GreenFiber insulation has excellent density and when properly applied, can contribute to reducing air infiltration and envelope leakage.
EAc3.2-3:Greatly Reduced Envelope Leakage (2 points) and Minimal Envelope Leakage (3 points)	Meet the air leakage requirements shown in Table 17 of the LEED for Homes Reference Guide.	
Materials & Resources (MR)		
Credit 2.2: Environmentally Preferable Products (0.5 - 8 points)	Use building component materials that meet one or more of the criteria as noted in the LEED for Homes Reference Guide.	GreenFiber insulation is composed of 85% recycled materials and over the minimum requirement of 25% post-consumer, and may apply for credits under subcategory c, local production, as well.

For a detailed report about GreenFiber Insulation Products and LEED projects, and a case study of GreenFiber Insulation in a LEED Gold Certified Building, please visit www.greenfiber.com/leed_green_building_certification_contractors_builders.html. Report and case study by Green-Buildings.com™.

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