



## NATIONAL FIBER

CEL-PAK INSULATION

Professional Cellulose for Cellulose Professionals

### PRODUCT EXECUTION OF LEED GOALS (23 points possible)

National Fiber's cellulose insulation meets all the requirements set forth in the LEED v2009 program to achieve an energy efficient and sustainable building.

#### Energy & Atmosphere

- Minimum Energy Performance (EAp2) - Required  
National Fiber's attic and wall insulation reduces the air infiltration of buildings, allowing equipment to be downsized. A reduction in air infiltration directly relates to reduced dependence on fossil fuels, which reduces air pollution. Buildings using this insulation easily meet and exceed the ASHRAE/IESNA 90.1-1999 standards.
- Optimize Energy Performance (EAc1) - Up to 19 Points  
*Computer simulations since 1987 by the cellulose industry have demonstrated reduced energy costs. National Fiber can demonstrate by summary printout from energy simulation software that design energy cost is less than the budget defined in ASHRAE/IESNA 90.1-1999, Section 11.*

#### Materials & Resources

- Recycled Content (MRc4) – 20% (postconsumer + 1/2 postindustrial) - 2 Points
- Regional Materials (MRc5) - 20% Manufactured within 500 miles\* - 2 Points  
*\* National Fiber manufactures its cellulose insulation in Belchertown, MA.*

In addition, National Fiber cellulose complies with the 2012 VOC Emissions standards for schools and private offices. Our cellulose insulation has the lowest embodied energy and highest recycled content of all commonly used insulating materials. This combined with its superior thermal performance, sound attenuation, and fire resistance properties, cellulose is the insulation of choice when value, performance, and environmental responsibility are considerations.

National Fiber conducts AIA accredited seminars on cellulose insulation. Please contact us if we can bring this educational opportunity to your firm or architectural group.

For further information, please contact our Technical Manager, Bill Hulstrunk at [technical@nationalfiber.com](mailto:technical@nationalfiber.com).