



## Do You Need More Insulation In Your Home?

Maybe. The U.S. Department of Energy has issued new R-value recommendations to help you make better decisions about how much insulation your home needs based on where you live. Go to [www.greenfiber.com](http://www.greenfiber.com), "Homeowner's" section and input information in to the "Insulation Calculator". This handy tool will help you determine how much insulation you need based on your current R-value and the region of the country that you live in.

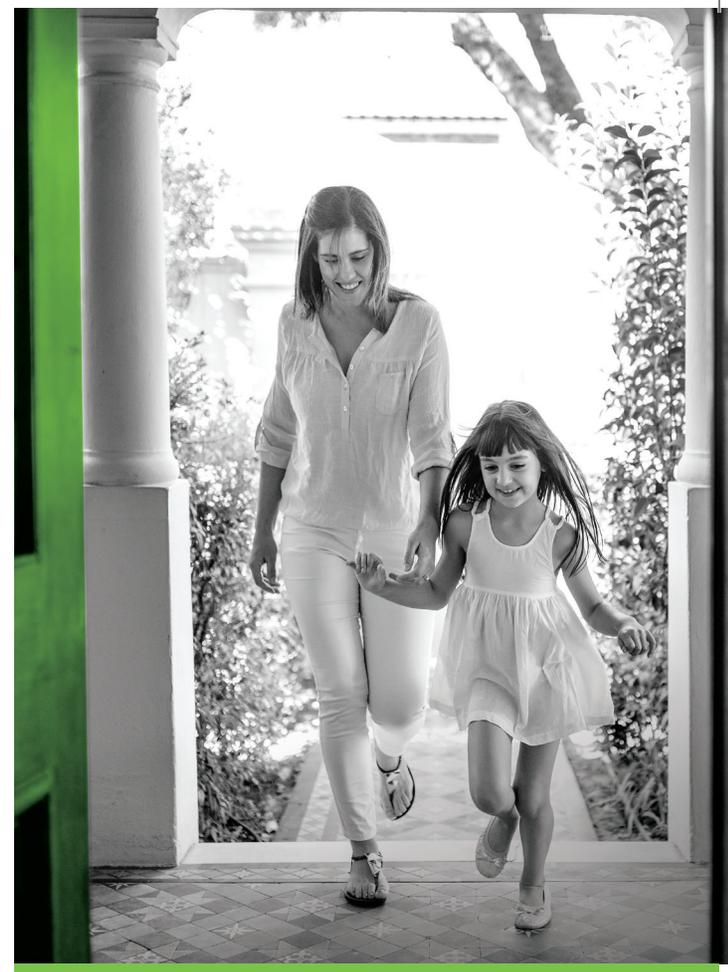
## Professionally Installed

With a knowledgeable representative, you can evaluate your current insulation levels and determine how much additional insulation you may need to meet the Department of Energy's recommendations. Consider adding insulation not only to your attic, but to exterior and interior walls. Also, by installing it around media rooms, bathrooms and between floors, your home will be noticeably quieter.

- 1) According to Oak Ridge National Laboratory Study (1991) comparing fiber glass loose fill insulation to blow-in cellulose insulation. Savings vary. The higher the R-value, the greater the insulating power. Ask your seller for the fact sheet on R-value.
- 2) Comparison based on an R-30 value at one square foot coverage area. This comparison includes the production and energy used in the insulation manufacturing process. Based on Sustainability Impact Index - Prepared by Principal Partners.
- 3) Based on a University of Colorado study (1990) comparing cellulose and fiberglass batt insulation in identical structures during the winter season. Savings vary. Find out why in your retailer's fact sheet on R-values. Higher R-values mean greater insulating power.

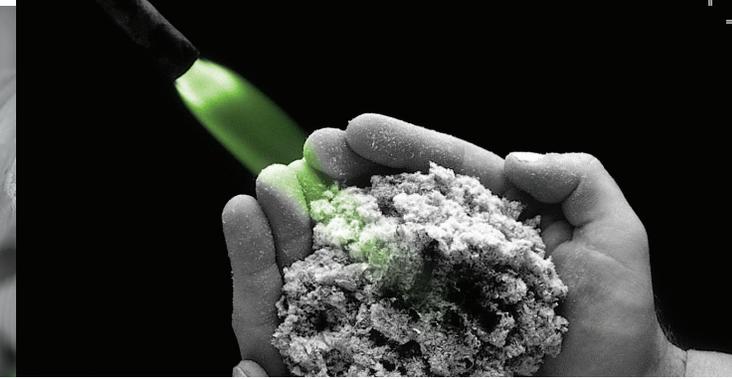
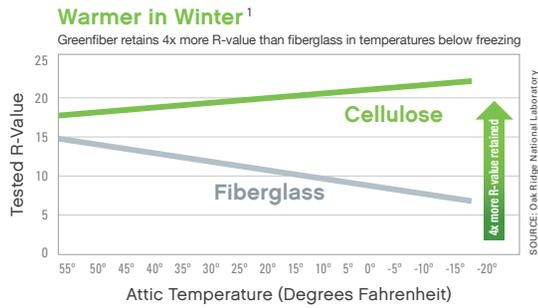


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## For A Quiet, And Comfortable Home.



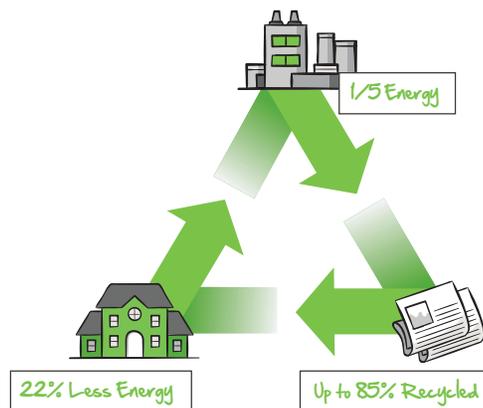


## High R-Value

Greenfiber provides a high R-value per inch; meaning you can realize more insulating performance with less material. Our insulation fills in gaps and voids to reduce air infiltration where energy can escape. Plus, it's two to three times denser than other insulation products. As a result, you can count on Greenfiber to keep homes warmer in the winter and cooler in the summer while reducing energy bills.

## Made Responsibly

Greenfiber cellulose fiber insulation is made with up to 85% recycled material that's free from unhealthy substances like formaldehyde and asbestos. Plus we use 1/5 of the energy to manufacture Greenfiber as that used to make competing insulation products.<sup>2</sup>



## Better Sound Control

Where air flows, sound follows. But because Greenfiber is so much denser than other insulation products and it is blown in to fill each space, it provides superior noise transfer reduction through floors and walls. This creates a quieter and more comfortable home.

- In open attics, Greenfiber Insulation easily forms around irregular construction and stays in place, fitting snugly against framing members and even moderate slopes.
- Because our insulation absorbs noise so well, it has been chosen to mitigate noise problems in homes next to airports.
- Special effort should be taken during construction to make all walls, ceilings and floors airtight in order to eliminate any potential leaks for sound transmission. The staggering of outlets and plumbing is also recommended.



## Added Fire Resistance

With a Class 1 fire rating, Greenfiber is 57% better than fiberglass at resisting fire.<sup>3</sup> Fiberglass does not contain active fire-retardant additives, but Greenfiber is treated to slow the spreading of flames. In addition, its density gives it more fire-blocking capability.

- Greenfiber Insulation has earned a Class 1 fire rating as determined by ASTM E84.
- Our insulation is treated with safe fire retardants that exceed test requirements set by the Consumer Product Safety Commission (CPSC) standard 16 CFR parts 1209 and 1404.
- Our insulation meets all test requirements of ASTM C739 (US), CAN/ULC-S703 in Canada, and all FHA, VA, HUD and building code requirements.

They include:

- Corrosiveness
- Density
- Flame Spread Permanency
- Fungi Resistance
- Moisture Vapor Sorption
- Odor Emission
- Separation of Chemicals
- Surface Burning Characteristics
- Thermal Resistance