

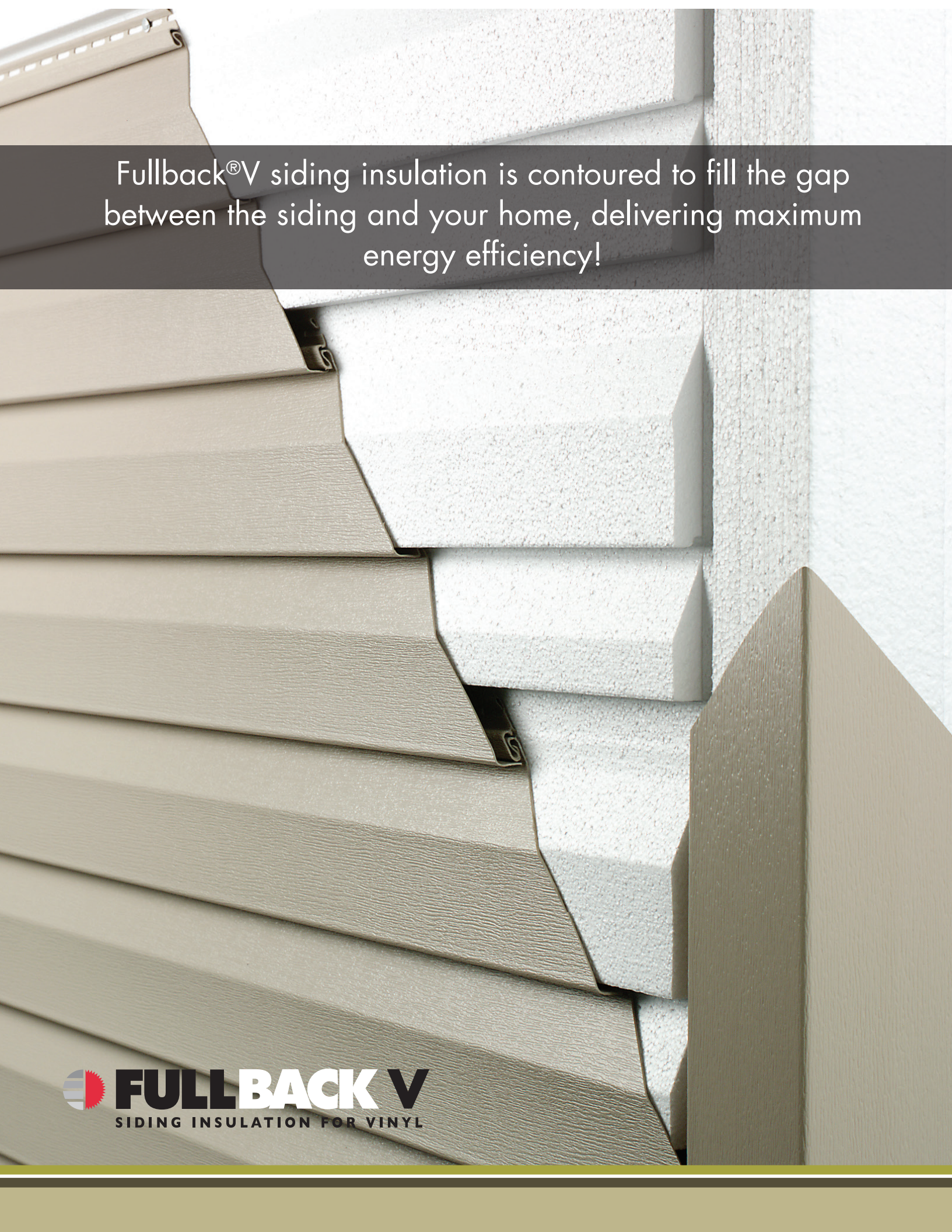


FIND THE HIDDEN ENERGY SAVINGS POTENTIAL IN YOUR HOME.

**HINT:** It's behind that fantastic low maintenance vinyl siding everybody loves.

 **FULLBACK<sup>®</sup>V**  
SIDING INSULATION FOR VINYL



A close-up photograph showing the installation of Fullback V siding insulation. The image features several layers of light-colored, textured vinyl siding on the left, which are being joined to a white, textured wall. The Fullback V insulation, a white, textured material, is being applied to fill the gap between the siding and the wall. The insulation is shown in a cross-section, revealing its contoured shape designed to fit snugly against the siding and the wall. The overall scene is brightly lit, highlighting the textures of the materials.

Fullback®V siding insulation is contoured to fill the gap between the siding and your home, delivering maximum energy efficiency!

The logo for Fullback V, featuring a stylized globe icon with a red and white color scheme.

**FULLBACK V**  
SIDING INSULATION FOR VINYL



# ACHIEVE A NEW LEVEL OF ENERGY EFFICIENCY, WITH IMPROVED APPEARANCE AT THE SAME TIME.

Fullback®V siding insulation gives added stability to vinyl siding, providing lasting beauty that withstands the elements.

While vinyl siding offers many options to make your home more beautiful, adding contoured Fullback®V insulation to the siding panel provides additional value and options that were never possible with traditional vinyl:

- Provides additional support to the siding panel.
- Gives your home the look and feel of real wood
- Eliminates waviness, sagging, shifting and warping associated with traditional vinyl siding.



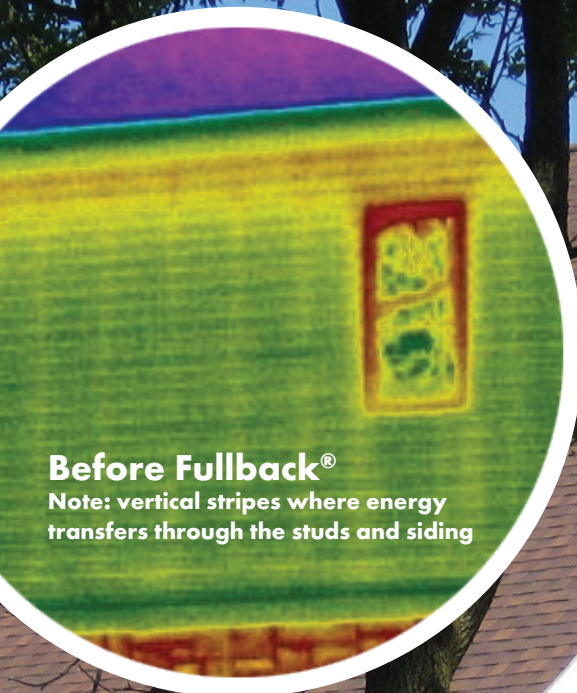
Traditional vinyl creates a hollow void between the siding and the wall.



Fullback®V fills the void, providing increased support and durability to the siding panel.

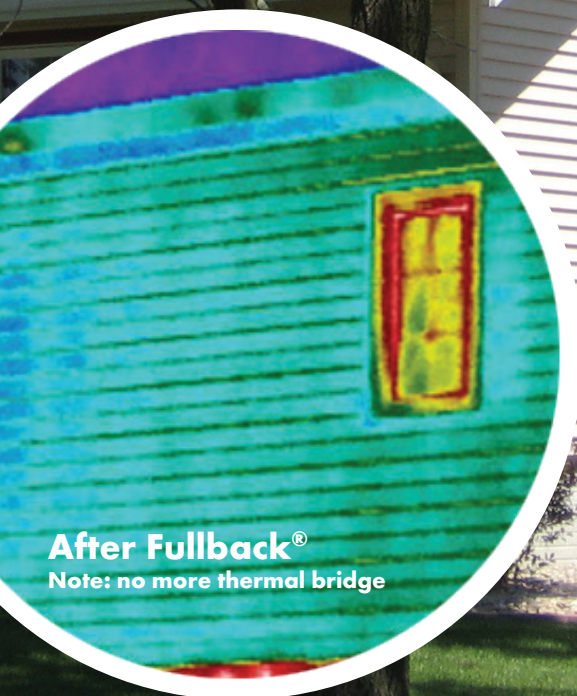


The most cost-effective time to add insulation to your home's exterior is when you reside!



**Before Fullback®**

Note: vertical stripes where energy transfers through the studs and siding



**After Fullback®**

Note: no more thermal bridge

 **FULLBACK V**  
SIDING INSULATION FOR VINYL



# TAKE A THERMAL BREAK WITH Fullback®V siding insulation for vinyl!

There may be a hidden energy leak in your walls that you don't even know about, and it's costing you money every day!

The culprits are the wood studs in your walls: heat by-passes the fiberglass batt insulation (pink stuff) in the wall cavities, and transfers through the studs, allowing energy to leak through your walls. The process is called thermal bridging.

How dramatic is thermal bridging? Nearly 25% of your home's wall surface is made up of studs that typically are not insulated, so it's like having one entire wall of your home with no insulation.

A typical exterior wall is comprised of 2x4 studs, 16" on center, with R-13 fiberglass insulation. Due to thermal bridging, the effective R-value of the whole wall is actually 10.75.\*

Building scientists, energy raters and government bodies are requiring us to think outside the building envelope for energy savings.

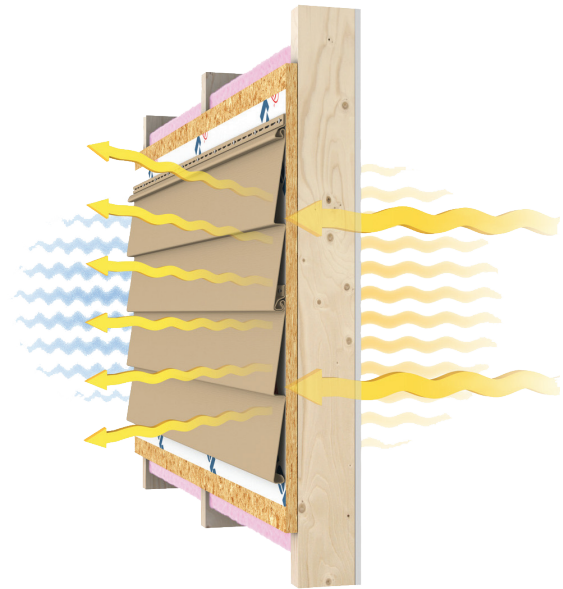
Energy codes and standards across the country are requiring contractors in most climate zones to install a thermal break between the sheathing and the siding in 2x4 construction.

The United States Department of Energy recommends exterior insulation as part of the solution: "When new siding is to be installed, it's a good idea to consider adding insulation under new siding."\*\*

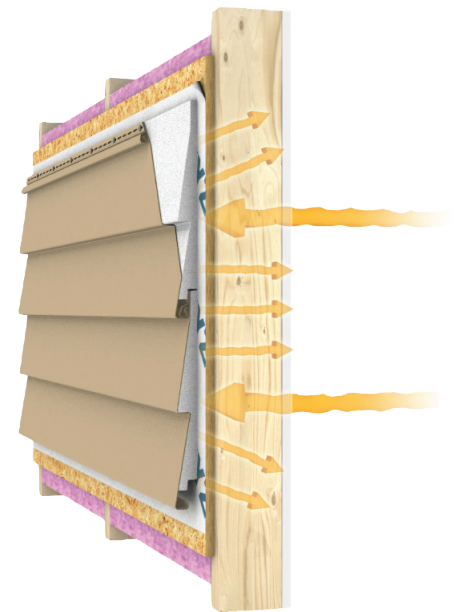
Fullback®V combats thermal bridging- from the outside-in:

- Adds R-2.0 - 3.5 to your wall system.
- Provides real energy savings by keeping heat where it belongs, inside in the winter, outside in the summer, and money in the bank all year!
- Recognized as a thermal bridge reducer in Energy Star for Homes Version 3.0.
- Reduces air infiltration.
- Allows your home to breathe while insulating, maintaining a healthy, dry wall assembly.
- Vinyl siding with FullbackV is at least 300% more energy-efficient than traditional vinyl siding.

## TYPICAL THERMAL BRIDGE



## THE FULLBACK® THERMAL BREAK



\*Source: Whole wall R-value from Oak Ridge National Labs calculator website

\*\*Source: Department of Energy and Oak Ridge National Laboratory, Insulation Fact Sheet 2008

\*R-value is the recognized numerical measure of the ability of an insulation product to restrict the flow of heat and, therefore, to reduce energy costs. R-values may be expressed per unit of thickness (e.g., one inch) or for the total thickness of a particular insulation product or installation. The higher the R-value, the better the product's insulating ability. Visit <http://www.ftc.gov/os/1999/08/rvaluefr.htm> for full information regarding R-value.





### **Without Fullback®V Siding Insulation**

- Hollow void between the wall and the siding leaves it susceptible to damage

**FULLBACK®V PROVIDES GREATER DURABILITY & IMPACT RESISTANCE THAN TRADITIONAL VINYL SIDING!**



### **With Fullback®V Siding Insulation**

- Eliminates the hollow void behind vinyl siding
- Foam insulation acts as a shock absorber
- Reduces cracking, denting and breakage

*Fullback®V with vinyl siding is durable enough to meet requirements for wind load in restrictive coastal zones, and has even sustained Category 5 Hurricane Winds!*



# FULLBACK®V WORKS TO PROTECT YOUR HOME AND YOUR FAMILY'S HEALTH

As homeowners strive to better seal and insulate their homes, they may be causing issues like mold and mildew growth, which can generate serious health threats. The average family of four produces 4-6 gallons of water vapor a day in the home, and that moisture must be able to escape.

Fullback®V siding insulation is designed to shed water and allow the wall to dry completely with a permeability rating of 5.0, reducing the chance for mold and mildew growth in the walls.

Additionally, Fullback®V is treated with PREVENTOL®TM EPS, a systemic insecticide which protects it from termites. The active ingredient is safe for homeowners and installers, and is commonly used as a topical treatment for flea and tick control on pets at much higher concentrations.





Insulated accessories are also available to complete your siding job!



**EasyPost™ Plus**  
for remodeling



**EasyPost™**  
for new construction



**Starter Adaptor**



**EasyShim™**  
for j-channels



**Inside Corner Post**



**Window Surround**

**FULLBACK®V SIDING INSULATION GIVES YOU A DISTINCTLY MORE ENERGY-EFFICIENT HOUSE,** while giving you aesthetically pleasing siding lines and a smoother-looking surface.



- Recognized as a green product for reduction in energy consumption
- Recognized as a thermal bridge reducer in Energy Star for Homes Version 3.0
- Will remain in place without significant degradation for 50+ years
- Saves as much carbon as it takes to manufacture the foam in 2.6 years or less!
- Saves as much energy as it takes to manufacture the foam in 50 days or less!
- After use, the foam insulation is recyclable in select communities that have appropriate recycling facilities.

It's all supported by a straight-forward Lifetime Limited Warranty

Our warranty stands on top of the siding manufacturer's warranty, giving you an extra layer of protection. It is a down-to-earth demonstration of the confidence we have in our product, and what we will do to make it right in the unlikely event that something would ever go wrong.



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