



What home buyers are saying about the EnergyComplete™ System

"We plan to live here for awhile and we want our home to be as energy efficient as possible. We decided to add the EnergyComplete™ System because we knew we'd be energy efficient and earn the investment back—and quickly."

— Shane and Kim Schrub

"I looked at the price of other systems and realized I'd never live in my home long enough to earn that money back. With the EnergyComplete™ System, my home is as energy efficient as more expensive systems at a fraction of the cost."

— Lynn and Bob Hahn



NEW

energyCOMPLETE™

with Flexible Seal Technology

Whole Home Insulation and Air Sealing System

Energy Savings and Comfort in Your New Home.



¹ The average residential energy use for space heating and cooling is 39%. *Buildings Energy Data Book, 2008*, U.S. Department of Energy (DOE). Savings vary. To find out more, contact your Owens Corning sales representative. Savings estimates are based on comparison to an average new U.S. home. The savings percentages compare the performance of a new home built to meet minimum insulation code requirements in a particular location to a new home insulated with the EnergyComplete™ System that meets or exceeds the DOE recommended insulation levels. The 1/3 savings on heating and cooling was calculated on a 2-story, 3,100-sq-ft. new home with a basement in Denver, CO.

² When used with a filtered mechanical air exchanger, the EnergyComplete™ System may improve indoor air quality. To manage the exchange of fresh air, a filtered mechanical ventilation system is recommended.

³ Owens Corning Test Report 90326 found that the EnergyComplete™ System with blown-in wall insulation reduces perceived outside noise through the wall by up to 40% compared to closed-cell spray foam and 20% compared to open-cell spray foam.

⁴ Field measurements compared to typical new construction as predicted by Lawrence Berkeley National Laboratory Report No. 62078.

⁵ Air infiltration can account for 30% or more of a home's heating and cooling costs and can contribute to problems with moisture, noise, dust and the entry of pollutants, insects and rodents. Reducing infiltration can significantly cut annual heating and cooling costs, improve building durability, and create a better indoor environment. *Air Sealing*, Office of Building Technology, State and Community Programs, Energy Efficiency and Renewable Energy, U.S. Department of Energy, Publication No. DOE/GO10099-767, 1999.

⁶ Source: *Field Study on the Effects Outer Surface Components of Exterior Walls Have on the Air Tightness of Houses*. G.K. Yull, Ph.D., January 1997.

⁷ Scientific Certification Systems (SCS) provides independent verification of recycled content in building materials and verifies recycled content claims made by manufacturers. For more information, visit www.scs-certified.com.

⁸ We recommend filtered mechanical ventilation at the following rate: flow rate [cfm] = 0.01 x floor area [ft²] + 7.5 x (number of bedrooms + 1). Contact your local building department to check for local code requirements.

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INNOVATIONS FOR LIVING®

energyCOMPLETE™

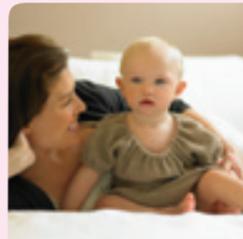
with Flexible Seal Technology

Whole Home Insulation and Air Sealing System



Smart.

Reduces energy bills by up to one-third!



Beneficial.

Helps seal out pollutants and allergens.²



Quiet.

Helps reduce outside noise.³



Comfortable.

Helps prevent drafts.

Designed for the life of your home.

As the plans for your new home take shape, there is one very important decision you can make that will help you and your family enjoy an energy-saving and comfortable home.

Make sure your home is built with the revolutionary new EnergyComplete™ with Flexible Seal Technology Whole Home Insulation and Air Sealing System.

Created by the building science experts at Owens Corning, the EnergyComplete™ System envelops your home in layers of protection to reduce your heating and cooling bills by up to one-third! At the same time, you can also have the peace of mind that the EnergyComplete™ System—unlike some other insulation options—does not release hazardous chemicals during installation. And the savings you'll realize will allow you to quickly earn back your investment.

The EnergyComplete™ System benefits your home by:

- Dramatically reducing your energy bills
- Providing a seal to help reduce pollutants and allergens²
- Reducing the amount of moisture-laden air that enters wall cavities, to help reduce the conditions that lead to mold growth
- Decreasing drafts, for consistent room-to-room temperatures
- Providing a first line of defense against pests
- Reducing unwanted outside noise by up to 40% as compared to traditional spray foam systems³

Reducing air infiltration is key. And the EnergyComplete™ System is proven to reduce it by up to 70%!⁴

The issues of energy efficiency, health and comfort in a home stem from a primary cause: air infiltration. Air infiltration is the main cause of heat loss in the home.⁵ Even well-insulated homes lose energy from air that infiltrates through inevitable cracks and crevices. When that happens, your furnace or air conditioning unit must work harder to heat or cool that additional air.



Typical homes are not airtight. Air can infiltrate and escape from a home in a variety of places:⁶

- 40% of air escapes through the ceiling.
- 14% of air infiltrates through walls.
- 10% of air enters around windows and doors.
- 36% of air seeps in via floors.

Why the EnergyComplete™ System is your solution.

Until now, the options that builders had for reducing air infiltration were cost-prohibitive or unreliable. The EnergyComplete™ System is the most complete solution to air infiltration issues.

The system combines the exceptional insulating qualities of Owens Corning PINK FIBERGLAS™ Insulation with new product innovations.

EnergyComplete™ Spray Foam with Flexible Seal Technology

- Applied to the areas where air can seep into your home to block infiltration
- Designed and tested to remain flexible and compliant over time for performance that lasts as long as your home
- Does not release harmful chemicals during installation
- Meets the most stringent standards for indoor air quality (GREENGUARD Indoor Air Quality and GREENGUARD Children & Schools™)

PINK FIBERGLAS™ Insulation

- Noncombustible and nontoxic
- Has the highest recycled glass content in the industry (40%)⁷ and meets the most stringent standards for indoor air quality (GREENGUARD Indoor Air Quality and GREENGUARD Children & Schools™)

Filtered Mechanical Air Ventilation⁸

- Works with your HVAC system to control the flow of fresh air into your home

The benefits of the EnergyComplete™ System are clear. And the timing is right—the EnergyComplete™ System is installed during the framing stage of construction. So talk to your builder today.

Visit www.ocenergycomplete.com for more information.

