Today’s homebuyers are looking for comfort and energy efficiency. Give them both with EnergyComplete® flexible air sealant.
Adding EnergyComplete® to a home can:

- Lower home energy bills by up to 33%* per month when combined with insulation — a powerful incentive to homebuyers
- Increase your value proposition by adding a feature your competitors don’t have
- Provide the kind of energy efficiency and comfort that today’s homebuyers expect

* See disclaimer 1 on page 18.

THE COMPLETE STORY

EnergyComplete® is a flexible air sealant that boosts energy efficiency and adds value to a home. It’s an air infiltration barrier that is easily applied to key joints in a home and can be used in combination with other insulating materials, such as EcoTouch® PINK® Fiberglas™ batts and loosefill insulation.
EFFICIENCY DEMANDS ARE HIGHER

Air-leakage requirements for homes are becoming increasingly stringent. Some states have already adopted the 2012 International Energy Conservation Code (IECC) requirement of 3 air changes per hour (ACH) and more states and municipalities will follow. You need to prepare now.

EnergyComplete® flexible air sealant can help you meet or exceed the 2012 IECC requirements by reducing air leakage. EnergyComplete® reduces outside air infiltration by up to 70%, and when combined with EcoTouch® PINK® Fiberglas™ batt or loosefill insulation, can reduce a homeowner’s heating and cooling costs by up to 33%* month-to-month for the life of the home.

* See disclaimer 1 on page 18.
The most important leaks require a gasket. EnergyComplete® is the only air-sealing solution that forms a gasket and seals them all.

- It establishes a flexible, long-lasting layer between lumber and drywall
- EnergyComplete reduces air leakage and helps meet tougher building code requirements
- Allows air-sealing inspection before drywall is installed
- It’s a safe, high-performance solution that lasts the life of the home

EnergyComplete® is exclusive to Owens Corning — it’s building science intelligence you can’t get anywhere else.
Owens Corning has identified key areas which provide the greatest return when sealed correctly. The numbers under each section show the approximate ACH savings that sealing each can produce.

Trouble spots for air leakage:

- **Ceiling**: 40%
- **Windows and Doors**: 10%
- **Walls**: 14%
- **Ducts and Floors**: 36%
- **Top plate-to-attic**: 0.3 to 1.6 ACH50
- **Band joist (top & bottom)**: ~ 0.4 ACH50
- **Recessed lights**: 0.2 to 0.3 ACH50
- **Duct boots**: 0.1 to 0.3 ACH50
- **Garage-to-house common wall**: 0.1 to 0.3 ACH50
Even the best construction still allows air to leak between joints and through seams. Naturally, this impacts the home’s energy efficiency.

With nearly a mile of joints in a typical house connecting the inside to the outside, air leakage occurs in some areas more than others. Owens Corning conducted a year-long study that looked at 1,000-plus measurements to identify the most important areas of a home to seal. We identified the key areas that provide the greatest return when air sealed. Reduce air infiltration by up to 70%* by using EnergyComplete® to form a gasket in these areas.

* See disclaimer 2 on page 18.
EnergyComplete® air-sealing gasket does not deteriorate over time like caulk.

Initial application of caulk.

11 days after application, deterioration has begun.

EnergyComplete® air-sealing gasket provides continuous, complete coverage.

It acts as a flexible gasket – it flows uninterrupted.

No need to go back a second time or for touch-ups.

EnergyComplete® air-sealing gasket delivers protection for the life of the home.

It creates a durable barrier against air infiltration, allergens and household pests.

It adheres better than caulk.

Unlike caulk, EnergyComplete® penetrates framing.

It does not leave gaps that can allow leakage.

EnergyComplete® air-sealing gasket provides maximum protection.
When it comes to creating a long-lasting, air-sealing barrier, EnergyComplete® outperforms caulk, which can break down quickly. In addition, EnergyComplete®:

• Creates a gasket that provides continuous, complete coverage
• Delivers protection for the life of the home
• Does not deteriorate over time like caulk can
• Provides maximum protection from outside elements
• Helps keep consistent room-to-room temperature throughout the home, all through the year

In fact, an analysis of blower door tests for 800 homes built by a top builder found that conventional caulk materials are 10 times more likely to fail the test than those treated with EnergyComplete®.
Unlike some other insulating materials, EnergyComplete® is simple and safe to install. In fact:

- It requires no special safety equipment — just gloves and safety glasses
- Other trades can stay on site while EnergyComplete® is being applied, saving you time and money
- The machine makes it easy to reach all areas of the home
- GreenGuard Indoor Air Quality Certified® — allows for safe installation which requires no job site quarantine
GROW YOUR BUSINESS WITH ENERGYCOMPLETE®

EnergyComplete® can help drive new home sales by delivering the quality of construction and energy efficiency that today’s homebuyers demand. Adding it to your project plan will help you:

- Meet or exceed the demanding performance requirements of today’s building codes
- Cut homeowners’ monthly energy costs by up to 33%* — giving you an additional selling point
- Differentiate your homes from the competition
- Offer a safe, high-performance solution that lasts the life of the home

* See disclaimer 1 on page 18.
EnergyComplete® is backed by the building science expertise and respected reputation of Owens Corning — the insulation brand most preferred and most often used by builders for 16 consecutive years. It’s undergone rigorous testing to ensure it meets our exacting standards for performance and durability.
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 2009 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 33% savings on heating and cooling was calculated on a two-story, 3,100-sq.-ft. new home with a basement in Denver, Colorado.

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