



The Guaranteed Energy Savings Building Solution

Bayseal™ CC Spray Foam Insulation FOR YOUR NEW HOME



Maximize Your Investment

Investing in closed-cell foam insulation is an important choice in building a sustainable home. Closed-cell spray foam insulation is one of the most advanced insulating materials available to the construction industry. The insulation is spray-applied and, when properly installed, forms an air seal that prevents leaks, minimizes noise, and improves building performance. Closed-cell spray foam is the perfect thermal and moisture management system for your new home.



Product Benefits:

- Offers a High Insulation R-value
- Reduces the Requirements for Mold Growth
- Provides a Seamless Air Barrier
- Restricts Moisture Transmission
- Adds Structural Strength
- Minimizes Sound Transmission
- Does Not Shrink or Settle

Why be concerned about moisture?

Mold is an increasing concern with its evident health risks in the Gulf Coast Region and other areas with high levels of rain, flooding and/or humidity.

Most homebuyers assume that mold does not grow on conventional insulation material; this is a fairly true statement. However, it grows on the organic debris that becomes trapped in these products.

There are four critical requirements for mold growth – available mold spores, available mold food, appropriate temperatures and “considerable” moisture. Of the four basic requirements for mold growth, moisture availability is by far the easiest mold growth requirement to control.



Moisture Management

Bayseal™ insulation is an important component in a moisture management system. Air infiltration and exfiltration, within a structure, contributes to approximately 99% of moisture migration. Reducing air movement deters moisture accumulation so that mold growth is less likely to occur. Closed-cell spray foam insulation helps keep the indoor humidity at a level for which the growth of mildew and allergens can be minimized. Reducing moisture and controlling humidity can also add years to the life expectancy of a home.



Improved Energy Efficiency

Closed-cell spray foam insulation provides exceptional aged R-value of 6.9 per inch, which results in heating and cooling cost savings. Drafts are virtually eliminated so a more uniform indoor temperature is maintained. Bayseal™ doesn't settle or sag over time so you'll enjoy these savings for the life of your home.

Reduce Energy Consumption Through Air Control

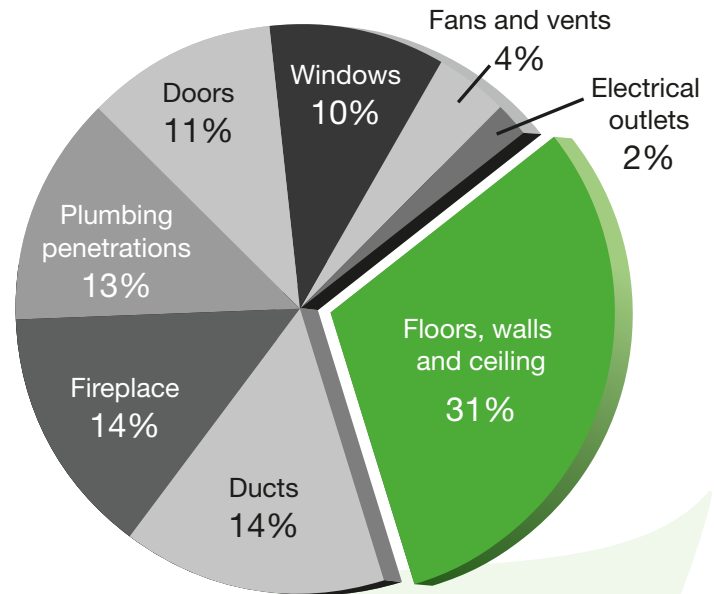
Air moves in and out of a home through every hole, crack and seam. Approximately one third of air infiltrates through ceiling, walls and floor openings. The Department of Energy reports that heating and cooling (space conditioning) account for 40–60% of the energy used in the average American home.

Bayseal™ CC closed-cell insulation helps to maintain a comfortable indoor climate while reducing energy consumption. The application eliminates unwanted air and heat exchange and decreases the amount of moist air that leaks through the house, reducing the adverse effects of mold and mildew growth on or inside walls and ceilings.

How To Get Started

Take an active role in the construction of your home by requesting Bayseal™ closed-cell spray foam. Bayseal is installed by Energywise Preferred Contractors. Contact an Energywise Representative for more information.

Areas of Air Movement



Source: Department of Energy
www.eere.energy.gov/consumer/tips/air_leaks.html

Your Local Energywise Contractor :



BaySystems

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