



[THE PERFECT FIT]

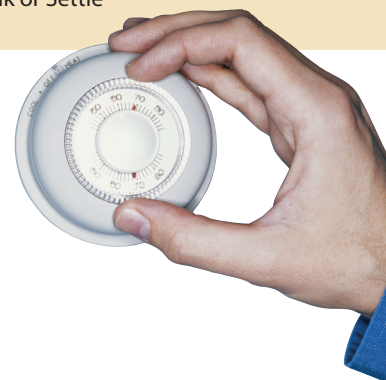
FOR YOUR
NEW HOME

DURASEAL™ Closed-Cell Spray Foam Insulation



DURASEAL 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



MAXIMIZE YOUR INVESTMENT. Investing in Duraseal™ 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 foam insulation is spray-applied and forms an air seal that prevents leaks, minimizes noise, and improves building performance. Duraseal is the perfect thermal and moisture management system for your new home.



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

Duraseal 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. Combined with a proper mechanical ventilation system, 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.

DURASEAL™ Closed-Cell Spray Foam Insulation

IMPROVED ENERGY EFFICIENCY

Duraseal closed-cell spray foam insulation provides exceptional 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. Duraseal doesn't settle or sag over time so you'll enjoy these savings for the life of your home.

ENERGY COMPARISON

Closed-Cell Insulation vs. Traditional Insulation

Case Study: Atlanta, GA
Comparable Residences 1,800 s.f.
Less Than Two Miles Apart
Similar Occupancy

Traditionally Insulated Home	Closed-Cell Foam Insulated Home	Closed-Cell Insulation Energy Savings
Monthly average utilities \$143.76	Monthly average utilities \$89.64	38% Reduction in Utilities \$54.12 Per Month Average Savings
Cost of insulation \$2,350	Cost of insulation \$5,200	Added mortgage cost of \$2,850 \$17.10 per month added to mortgage payment at 6% interest
		Extra cash in homeowner's pocket \$37.02 per month

ENERGY COMPARISON

Closed-Cell Insulation vs. Traditional Insulation

Case Study: Sacramento, CA
Comparable Single Story 2,400 Square Foot Homes
Several Addresses Apart on Same Side of Street
Gas and Electric Bills February to December 2003

Traditionally Insulated Home	Closed-Cell Foam Insulated Home	Closed-Cell Insulation Energy Savings
Utility Bills \$2,239 Electric \$447 Gas \$2,716 Annual Total \$247 Monthly Average	Utility Bills \$1,107 Electric \$306 Gas \$1,413 Annual Total \$128 Monthly Average	48% Reduction in Utility Bills \$118 Per Month Average Savings \$1,422 Per Year Average Savings \$42,645 Savings Over 30 Years <i>How much extra financing could you afford on a 30-year mortgage with an extra \$118 a month?</i>
Average Utility Price Gas \$0.95 Per Therm Electric \$0.17 per kWh	Average Utility Price Gas \$0.93 Per Therm Electric \$0.13 per kWh	\$19,758 at 6% \$17,805 at 8%

Source: Available upon request.

Take an active role in the construction of your home by requesting Duraseal closed-cell spray foam to insulate your most valuable asset. Contact a UCSC Representative today to learn how to request Duraseal through your builder or for a list of recommended spray foam insulation contractors in your area.

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