

## Environmental Characteristics

- CFCs, HCFCs, HFCs or HFAs none
- Formaldehyde none
- Corrosiveness negative
- VOCs after 30 days none detectable

## Flammability Characteristics

- Flame spread ASTM E84 <20
- Smoke developed <400
- Fuel contribution 0
- Oxygen index 23

## Physical Properties

- Density 0.5 lb/cf
- Thermal Resistance R-3.6/in
  - Heat flow reduction through 1" 72.7%
  - Heat flow reduction through 3.5" 92.2%
  - Heat flow reduction through 5.5" 95.0%
  - Heat flow reduction through 10" 97.3%
- Vapor permeance - 5" 10 perms
- Sound transmission class\* 37
- Noise reduction coefficient 70

\*The assembly tested was a 2x4" wood stud wall (16" on center), 3.5" Icynene®, one layer of 5/8" gypsum board on each side.

## Evaluations and Approvals

B.O.C.A., I.C.B.O., S.B.C.C.I., N.E.S., C.C.M.C., I.C.C.

**This is a summary of the product specifications. Please ask for full product specifications before using.**



## The Icynene Insulation System®

Healthier, Quieter, More Energy Efficient®

### Icynene® gets healthy recognition

- The only insulation material certified by the Envirodesic™ Certification Program
  - *recognized across North America for contributing to improved indoor air quality*
- Featured in the American Lung Association's National Health House® projects

### Icynene® is the high-performance insulation for maximum energy efficiency.

**Since 1986, Icynene® has proven itself in thousands of homes across North America. Icynene® is the only fully integrated insulation system offering a Healthier, Quieter, More Energy Efficient® environment for maximum indoor air quality.**



**Find out more about The Icynene Insulation System® today!**



Visit our website: [www.icynene.com](http://www.icynene.com)

Toll Free: 800.758.7325



## The Icynene Insulation System®

Healthier, Quieter, More Energy Efficient®

# MORE ENERGY EFFICIENT



## Icynene® ... A Proven Tool for Optimal Airtightness and Energy Efficiency

### Save money with lower energy costs.

Did you know that up to 40% of your monthly energy bill could be attributed to compensating for air leakage? That's a lot of wasted energy and money!

**An Icynene®-insulated home maximizes energy performance.** This unique spray foam insulation softly expands to 100 times its initial volume to seal all cracks and crevices that compromise airtightness.

Why is air sealing so important? Building a tight envelope with Icynene® allows you to reduce air leakage and incorporate a properly sized HVAC system. And, tight construction coupled with mechanical ventilation ensures maximum indoor air quality during all weather conditions.

With Icynene®, you will require less energy to heat and cool your home, saving you money on longer lasting heating, ventilating and air conditioning equipment. As energy costs rise, you can bank on the fact that your lower energy bills will become an important resale feature.

**Icynene® is your choice for a healthier, Quieter and More Energy Efficient® environment.**

# The Energy Efficient Qualities of Icynene®

- ❏ Reduces energy bills by up to 50% each month
- ❏ Minimizes random air leakage
- ❏ Maintains consistent indoor ambient temperature using less energy
- ❏ Reduces heating and cooling loads on HVAC equipment
- ❏ Contributes to meeting Energy Star™ mortgage requirements
- ❏ Enhances resale value for a higher return on your investment
- ❏ Maintains its efficiency with no loss of R-value over time

The Icynene Insulation System® is backed by a Limited Lifetime Warranty. A copy of the warranty is available upon request.

Icynene® is the ideal base for comfortable, economical living... and MORE

### Healthier

- "Green" building product
- No formaldehyde, CFCs, HCFCs, HFCs, HFAs
- Air-sealing properties to lock out dust, allergens, odors and pollutants
- Minimizes condensation and potential for mold growth
- Recommended for individuals who are chemically sensitive or suffering with allergies or asthma



### Quieter

- Eliminates noise in plumbing walls
- Reduces room-to-room noise transfer in the home
- Encapsulates home theaters for enhanced soundproofing
- Reduces outside noise caused by airplanes, wind and traffic

