

## 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 a healthy home.

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®

# HEALTHIER



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## A Healthy Base for Superior Indoor Air Quality

### Indoor air can be hazardous to your health

*“ The quality of the air we breathe in our homes is important to our health. By controlling the air entering and leaving our homes, we can minimize or eliminate the airborne pollutants that can become threats to our respiratory health.”\**

The Environmental Protection Agency (EPA) recently rated indoor air pollution as one of the five most urgent environmental issues accounting for over \$1 billion in direct healthcare costs each year.

In fact, the EPA, the American Lung Association (ALA) and the Envirodesic™ Certification Program, all believe that the air in most homes is likely to be ten times more polluted than the air outside!

Selecting the right insulation is a task that is often overlooked. But your choice of insulation has a major impact on the long-term quality of the air you breathe and your overall health and comfort.

**An Icynene®-insulated home is a healthy home.** This unique, soft foam spray insulation is 100% water-blown and contains no harmful gases. It creates an air barrier in order to minimize moisture and related mold growth while sealing out pollutants. Icynene® offers the solution you need to improve the quality of the indoor air you breathe indoors - your choice for a Healthier, Quieter, More Energy Efficient® environment.

\* 1997 Healthy House - “Blueprint for Health” Guide.

# Icynene® Helps You Breathe Easy Indoors

- ❏ **Completely air-seals buildings, creating a comfortable, draft-free, condensation-free environment**
- ❏ **Minimizes the potential for mold growth**
- ❏ **Locks out dust, allergens, odors and pollutants**
- ❏ **Isolates your living space from toxic garage fumes**
- ❏ **100% water-blown - *does NOT contain formaldehyde, CFCs, HCFCs, HFCs or HFAs***
- ❏ **Recommended for individuals who are chemically sensitive or suffering with allergies or asthma**
- ❏ **Flame retarding - *contributes no fuel in the event of fire***

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

## The Icynene® is the ideal Base for healthier living... and MORE

### 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



### More Energy Efficient

- Eliminates air leakage to save up to 50% in energy bills each month
- Maintains consistent indoor ambient temperature using less energy
- Enhances home resale value for a higher return on investment
- Contributes to meeting Energy Star™ mortgage requirements

