

NCFI – An Innovative Leader for Five Decades.

Since 1964, NCFI has been an industry leader and innovator of spray foam insulation and roofing systems solutions. NCFI's superior insulation and roofing technologies not only help families and commercial businesses save on heating and cooling costs, they have helped secure homes and commercial facilities against some of nature's harshest forces such as hurricanes. Additionally, we sell and service the equipment that enables these applications, assuring end users of a single, reliable support resource for their foam-in-place operations.

Highest Product Quality Available.

We start with the finest raw materials from proven, reliable sources to develop our high-quality, advanced spray polyurethane foam and premium acrylic coatings. Our high performance products must pass an array of quality control measures before ever reaching the job site. All ingredients are accurately weighed and blended for optimum performance for you. All systems are quality control tested for conformity to NCFI specifications. Our spray polyurethane foam is shipped from our manufacturing facilities to meet your special project requirements.

The Best Trained Applicators In The Business.

Before becoming a GoldStarSM Applicator, NCFI provides a comprehensive training program so contractors can meet and exceed the customer's needs. Our hands-on training covers all technical aspects of accurately applying spray polyurethane foam and how to properly operate spraying equipment with step-by-step procedures, parts information, and troubleshooting guides. NCFI's experienced staff can show contractors the most efficient way to apply our high-quality spray polyurethane foam and premium coatings to provide a high performance solution. Beyond product and equipment training, NCFI offers on-site technical representatives to help explore the best approach to solving your unique construction problems.



A whole new comfort level, for you and for the world.

NCFI Polyurethanes
A Division of BMC
P.O. Box 1528
Mount Airy, NC 27030

SealiteInsulation.com
Phone: 866.678.5283
Fax: 336.789.9586

500 02/2010

Enviro-Friendly Sealite™:

- **Contains up to 20% renewable agricultural products**, including sugar cane, sugar beets, and corn. NCFI has formulated spray polyurethane foams containing sucrose-based, agriculturally derived ingredients since the mid-1960's.
- **Provides good thermal performance**, lowering monthly energy consumption.
- **Reduces energy consumption**, lessening your environmental impact and carbon footprint.
- **Formulated with an anti-microbial ingredient** inhibiting mold and mildew growth while providing improved indoor air quality.
- **Promotes a sustainable design**, because it never settles, shrinks, compresses or sags, maintaining its insulation efficiency for the life of the structure.
- **Odorless.**
- **Contains no ozone-depleting chemicals.**
NCFI is the winner of an EPA Stratospheric Ozone & Climate Protection Award for extraordinary accomplishments and significant contributions to protect the environment.



EPA Stratospheric Ozone
Award Winner



SEALITE™
HIGH PERFORMANCE INSULATION



Sealite™ High Performance Insulation

An Environmentally-Friendly Open-Cell, Spray-In-Place Insulation That Stops Air Infiltration While Providing Energy Savings and A New Level of Comfort.

Sealite™ High Performance Insulation

Sealite™ High Performance Insulation – An Environmentally-Friendly Open-Cell, Spray-In-Place Insulation That Stops Air Infiltration While Providing Energy Savings and Added Comfort.

Sealite open-cell spray-in-place polyurethane insulation saves the homeowner on energy costs compared to other common types of insulation. Sealite provides the desired R-Value plus the added advantages of spray-in-place polyurethane: it stops air flow into and out of your home, reduces noise, and blocks dust, pollen and other airborne pollutants for a more comfortable environment. It is also environmentally friendly, containing renewable agricultural resources, and is odorless.



△ Improves indoor air quality by keeping out dust and pollutants.



< Allows for unvented attic application.



The Problem

When planning your new home or renovating an older one, it's important to think about the value and comfort provided by your thermal insulation system. More and more, people are coming to understand that having a comfortable home means having more than just standard insulation. Today's homeowner wants insulation that will substantially lower energy costs, and will protect against dust, pollen and other airborne pollutants as well, all at a price that isn't prohibitive.

The Solution

Sealite is a 0.5 lb/ft³ low density, open-cell foam insulation that is applied as a liquid foam to the wall, ceiling, attic, or floors. The foam reacts, expands, and cures in-place, forming a fully-adhered, seamless insulating and air blocking membrane. Sealite offers exceptional insulating power that can reduce energy consumption and save on monthly power bills. Sealite also forms an air barrier that seals the walls to prevent air penetration and block outside noise pollution, creating a quieter home. Additionally, Sealite is blended with an anti-microbial ingredient to inhibit mold, mildew and bacterial growth.

The End Result –

Economical Wall Insulation Offering High Performance and Exceptional Value

By designing and building a highly energy-efficient, low maintenance home, the reduction in energy demands for heating and cooling will lower demand on utility companies for the life of house. With Sealite you can insulate directly to the roof deck, bringing all of the space under the roof into use. By putting HVAC ductwork in conditioned space, energy waste from leakage is eliminated. The additional conditioned space can then be utilized for computer rooms, bonus rooms, playrooms, or closet space. Previously wasted attic areas become valuable living space for very little cost, while adding tremendous retail market value to the house. Add up the benefits and it's easy to see that Sealite is the high performance insulation solution you've been looking for.

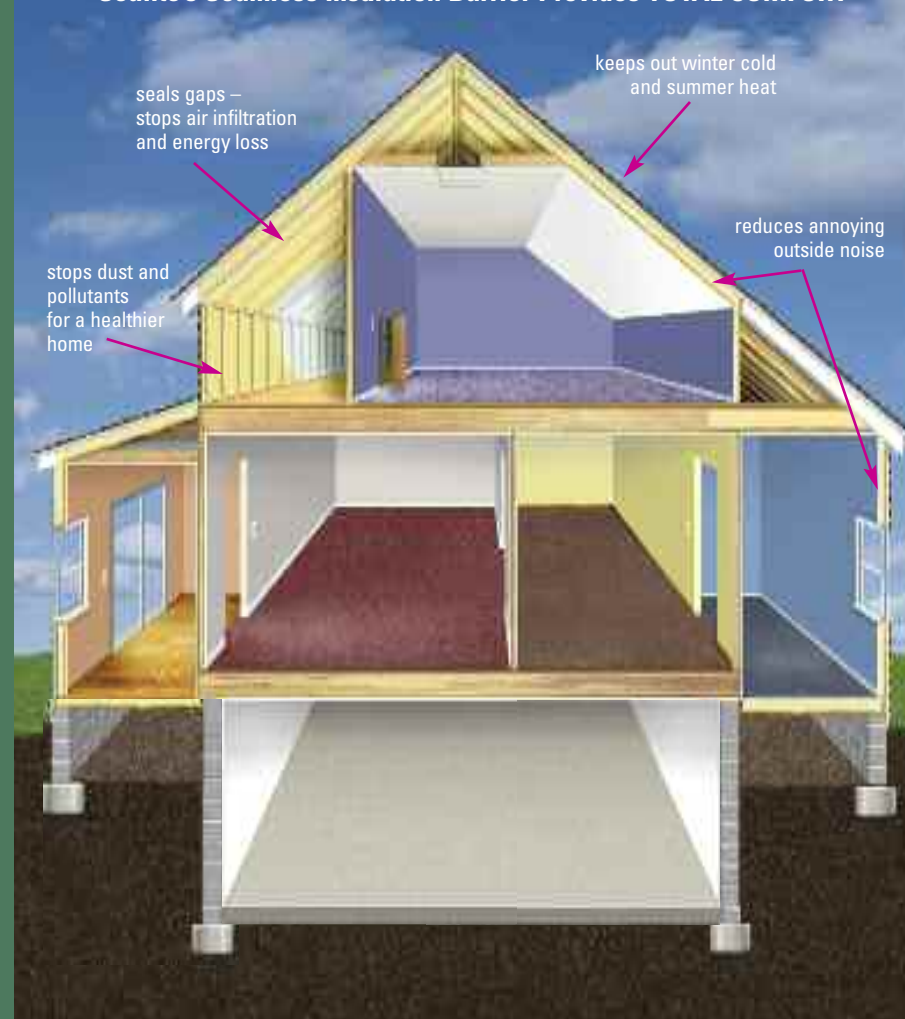


< Reduces energy consumption and saves on monthly power bills.

How Sealite™ Open-Cell Insulation Works

Sealite foam insulation is a two-part liquid formulated from renewable agricultural resources that is sprayed in place with an environmentally-friendly water blown agent by specially trained GoldStar™ contractors. This liquid quickly expands, filling all gaps and voids, and cures to form a fully adhered, solid, monolithic insulation envelope that is a highly effective air barrier. Sealite will not settle, shrink, or deteriorate, and it's guaranteed to retain its R-Value and noise-reduction qualities over the life of the home.

Sealite's Seamless Insulation Barrier Provides TOTAL COMFORT



Sealite Polyurethane Foam Typical Physical Properties*

Description:	Open-cell spray polyurethane foam insulation
Density:	0.5 lb./cu.ft. nominal
R-value:	R-13 at 3.5 inches nominal
Anti-bacterial:	Yes
Flame spread:	< 25 (ASTM E 84)
Air Impermeable:	0.000 cfm/ft ² @ 1.57 psf at 3" (ASTM E 283)
Smoke development:	< 450 (ASTM 84)

* Physical properties may change based on job specifications.

BUILDER BENEFITS

Sealite High Performance Insulation provides builders with an affordable, top quality spray foam alternative.

- **Adaptable** to uniquely shaped structures and difficult-to-insulate designs.
- **Cost effective and easy to install** so you finish a job under budget and ahead of schedule.
- **Environmentally friendly**, containing renewable agricultural resources and using no harmful ozone-depleting chemicals – NCFI was awarded the EPA (Environmental Protection Agency) Stratospheric Ozone Protection Award.
- **Environmentally safe application** utilizes a water blown agent.
- **Creates a fully adhered and monolithic membrane** for a seamless insulation envelope.
- **Conforms to odd shapes** and configurations.
- **Fills in large gaps**, cavities, floors and ceilings.
- **Can be applied to the underside of roof decks** to form conditioned or cathedralized attic areas.
- **Normally unusable attic areas can be "harvested"** by converting them into usable living space.
- **Crawl space insulation may be installed in a non-vented configuration** for greater energy savings.
- **ICC Code compliant** of the provisions of the International Building Code (IBC), International Residential Code (IRC) and the International Energy Conservation Code (IECC).
- **Installed by trained and highly experienced GoldStar™ contractors.**

Note: Building codes require various insulation systems to be covered by an ignition barrier in attics and crawl spaces and by a thermal barrier (such as gypsum board) in occupied spaces. Your GoldStar™ contractors can advise you on proper installation.

HOMEOWNER BENEFITS

Sealite High Performance Insulation can save homeowners money while making their homes healthier and more comfortable.

- **Save** on monthly energy bills.
- **Seals wall construction gaps and penetrations**, eliminating thermal bypass.
- **Improves indoor air quality** by keeping out dust and pollutants.
- **Reduces your energy consumption**, lessening your environmental impact.
- **Provides consistent room temperatures** – no drafts, no cold or hot spots.
- **Reduces outside noise** by creating a seamless insulated barrier.
- **Never settles, shrinks, compresses or sags**, and is guaranteed to retain its insulation efficiency for the life of the home.
- **Specially formulated** with anti-microbial ingredient to inhibit mold, mildew and bacterial growth.*
- **Proven insulating power** – spray polyurethane foam systems have been applied successfully for over 35 years.

* Sealite insulation systems are formulated with an anti-microbial ingredient to inhibit the growth of molds that may affect this product. The anti-microbial properties do not protect occupants of spaces insulated with Sealite insulation from potential deleterious effects of molds, mold spores, or disease organisms that may be present in the environment.