



# Introducing The Best Spraying Next Generation Open-Cell SPF Insulation

Contractor Recommended "best Appendix X foam on the market."





## Sealite™ OCX

It's About Time Someone Introduced the Next Generation Open-Cell SPF Insulation that Eliminates the Need for Ignition Barriers in Attics and Crawl Spaces

- No ignition barrier required in attics and crawl spaces (meets or exceeds requirements for AC 377, Appendix X)
- Developed to insure ideal insulation and processability
- Industry leading yield

## Sealite™ OCX

The Next Generation Open-Cell SPF Insulation

Sealite™ OCX insulation saves the homeowner on energy costs compared to other traditional insulations. OCX provides the desired R-value, plus the added advantages of spray-in-place polyurethane: helps stop air flow into and out of your home, aids in reducing noise, and helps block dust, pollen and other airborne pollutants for a more comfortable and healthier environment.

- Processes, cuts, and trims with ease
- High Yield: 16,000 to 18,000 board feet
- Sprays great in a wide range of equipment and ambient temperatures
- No preheating of material
- Consistently rated "the best half pound open-cell spray foam on the market" by applicators who use it
- Processes at a wide range of ambient temperatures

## How Sealite™ OCX Open-Cell Insulation Works

Sealite™ OCX insulation is a two-part liquid polyurethane system formulated with renewable agricultural resources that is sprayed in place with a water-blown blowing agent by specially trained GoldStar certified contractors. OCX quickly expands, filling all gaps and voids, and cures in place to form a fully adhered, solid, monolithic insulation envelope that is a highly effective air barrier, and requires no additional ignition barrier. OCX 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.

## Commitment to Sustainability

- No additional ignition barrier required
- Saves time and money
- Contains no ozone-depleting chemicals



Evaluation Report-3826

NCFI is the winner of an EPA's prestigious Montreal Protocol Award (Stratospheric Ozone & Climate Protection Award) for extraordinary accomplishments and significant contributions to protect the environment.

- Seals the structure creating a draft free environment
- Contains renewable agricultural products, including sugar cane, sugar beets, and corn
- NCFI has formulated spray polyurethane foams containing sucrose-based, agriculturally derived ingredients since the 1960s
- Provides great thermal performance, lowering monthly energy consumption
- Reduces energy consumption, lessening your environmental impact and carbon footprint
- Does not support growth of bacteria, fungi or mold
- Promotes a sustainable design: never settles, shrinks, compresses or sags, maintaining its insulation efficiency for the life of the structure



## The Problem

It's important to think about the value and comfort provided by your thermal insulation system when planning a new home, commercial building, or renovating an older one. People are coming to understand that having a comfortable space means having more than just standard insulation. Today's home or building owner wants insulation that will substantially lower energy costs, and will protect against dust, pollen and other airborne pollutants, all at an affordable price.

## The Solution

Sealite™ OCX is a 0.5 lb/ft<sup>3</sup> low density, open-cell foam insulation that is applied as a liquid to the walls, ceilings, attics, or floors. The foam reacts, expands, and cures in-place, forming a fully adhered, seamless insulating and air blocking membrane. OCX offers exceptional insulating power that can reduce energy consumption and save on monthly power bills. OCX also forms an air barrier that helps seal the walls to prevent air penetration and block outside noise pollution, creating a quieter home, or building. Additionally, OCX does not support growth of mold, mildew and bacteria.

## The End Result

### Economical Wall Insulation Offering High Performance and Exceptional Value

By designing and building a highly energy-efficient, low maintenance home, or commercial building, the reduction in energy demands for heating and cooling will lower demand on utility companies for the life of the building. In the design phase, you can use Sealite™ OCX to insulate directly to the roof deck, bringing all of the space under the roof into use. Previously wasted attic areas become valuable living space such as computer rooms, bonus rooms, playrooms, or closet space for very little cost, while adding tremendous retail market value to the house. Additionally, in an existing building where HVAC ducts are lying in a vented attic, you can use Sealite™ OCX to create an unvented attic that brings the HVAC ductwork into conditioned space, significantly reducing the energy load. Add up the benefits and it's easy to see that OCX is the high performance insulation solution you've been looking for.

### Sealite™ OCX Polyurethane Foam Typical Physical Properties\*

**Description:** Open-cell spray polyurethane foam insulation

**Density:** 0.5 lb./cubic foot nominal

**R-value:** R-13 at 3.5", R-20 at 5.5"

**Fungi Resistant:** No Growth ASTM C1338

**Renewable Content:** 9% per ASTM-D6866-12

**Flame spread:** ≤25 (ASTM E 84) @ 4"

**Air Impermeable:** 0.005 L/s/m<sup>2</sup>

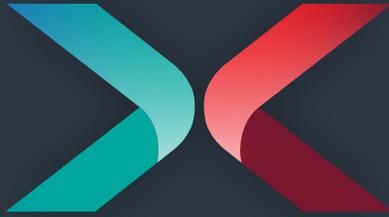
**Smoke development:** ≤450 (ASTM 84) @ 4"

\*Physical properties may change based on job specifications

## Builder Benefits

Sealite™ OCX High Performance Insulation provides builders with an affordable, top quality spray foam alternative, and saves time and money:

- 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
- Sustainable, contains renewable agricultural resources and uses no harmful ozone-depleting chemicals. NCFI was awarded the EPA's (Environmental Protection Agency) Montreal Protocol Award (Stratospheric Ozone Protection Award)
- Creates a fully adhered and monolithic membrane for a seamless insulation envelope
- Seals construction gaps and cavities in floors and ceilings
- Can be applied to the underside of roof decks to form conditioned attic or cathedral ceiling areas
- 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 certified GoldStar contractors with advanced training and SPF education



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## About NCFI®

We Pioneered Spray Foam Insulation in the 1960s. We're Still Leading the Way.

NCFI has been the industry leading innovator of spray foam insulation and roofing systems solutions since way back in 1964. We pioneered the use of polyurethane foam for insulation, and responsibly sustainable manufacturing processes and products, and we're still leading the way. We are the proud recipient of the EPA's prestigious Montreal Protocol Award (previously Stratospheric Ozone and Climate Protection Award) for exemplary accomplishments and significant contributions to protect the environment.

We help families and commercial businesses save money on heating and cooling costs, provide healthier air, and a more comfortable environment. For the industry, we have over 50 years of solid, hands-on experience selling and servicing top-quality spray equipment to give end-users 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 pass an array of quality control measures before ever reaching the job site. All ingredients are accurately weighed and blended for optimum performance. All systems are quality control tested for conformity to NCFI's rigid professional specifications. Our spray polyurethane foam is shipped from one of our many manufacturing facilities, or distribution warehouses across the US to meet your special project requirements.

## The Best Trained Applicators in The Business

Before becoming a GoldStar certified applicator, NCFI provides a comprehensive training program so contractors can meet and exceed any and all customer needs. Our hands-on training covers all technical aspects of accurately applying SPF 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 SPF and premium coatings to provide a high performance solution. Beyond product and equipment training, NCFI offers on-site technical support to help explore the best approach to solving your unique construction situations.

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