

Homeowner & Builder Benefits of SPI Envelo-Seal™ Spray Foam Insulation

The energy and money savings is immediate and lasting. But what else does spray foam insulation provide?

Shhh... Listen.

Your neighborhood can be noisy. Add in plumbing sounds, traffic, and kids playing in the next room... and suddenly, spray foam insulation can make all the difference. SPI Envelo-Seal effectively reduces airborne noise through its naturally occurring seamless barrier.

Breathe Deep.

Spray foam insulation is a powerful tool against allergens, molds, and bacterial growth. It improves indoor air quality with a seamless barrier as an effective shield from pollution, pollen, and dust. It also reduces the infiltration of insects and rodents - with no air or moisture filtration, they are discouraged from living or breeding in your walls.

QUICK SHIPPING »

Responsive production
& shipping from 4 US locations

EQUIPMENT »

All major brands of equipment
and over \$1M in parts inventory

24/7 TECH SUPPORT »

24/7 tech support line for our
valued customers

TRAINING »

Receive training from the
industry's foremost experts
on the latest techniques and
technologies



It's Green.

SPI Spray foam insulation is formulated from renewable resources, and does not harm the environment. It also helps reduce your carbon footprint, as it remains in place throughout the life of your home, keeping retrofits out of the landfills. It also maintains its energy efficiency, lessening environmental impact.

A Better Technology.

There are many areas of homes that can be difficult to insulate. With SPI Envelo-Seal™ spray foam, you can reach areas that would normally be almost impossible to insulate, with complete assurance of crack sealing and an effective air barrier, as well as watertight to moisture within seconds of application. Crawl space insulation can be installed in a non-vented configuration, and previously unusable attic space can be converted into healthy, comfortable living quarters.



More SPI Foam Series formulations to expand your business:

» ECO-R↑SE™ concrete slab lifting foam series, available in any reactivity and densities ranging from 2.0 to 30.0 lb

» SPI ENVELO-POUR™ SFC I 2.0 CG foam has met and passed Coast Guard requirement under 33 CFR 183.114.

» SPI can formulate foams for your specific project needs, in any reactivity or density, both spray and pour

To learn more about ENVELO-SEAL™, ENVELO-POUR™, ECO-R↑SE™ and other innovative SPI products, call 800 627 0773 or visit www.specialty-products.com



SPI ENVELO-SEAL™

SPI POLYURETHANE FOAM SERIES

SPI SPECIALTY
PRODUCTS, INC.
SEAMLESS SOLUTIONS FOR OVER 40 YEARS

SPI has been manufacturing high quality spray foam insulation systems for more than 40 years. Our foam systems provide a healthy environment for residential, commercial and industrial applications at a competitive price to you, the applicator, and an affordable cost to the building owner.



**SPI ENVELO-SEAL™
BUILDING ENVELOPE**

- ← **COLD AIR STAYS OUTSIDE
THE IMPERMEABLE AIR
BARRIER**
- ← **WARM AIR STAYS INSULATED
INSIDE THE HOUSE**

Looking to Save? \$

Put more money back in your customer's pocket, and start saving energy right away.

When you use SPI Envelo-Seal™ Spray foam insulation instead of conventional materials such as fiberglass, loose-fill cellulose, polystyrene, or mineral wool, your comfort and energy saving start immediately.

HERE'S HOW:

- » Spray foam insulation provides a seamless air barrier - no more leaks in, or out
- » Closed cell spray foam insulation is water-phobic and does not transmit water or vapor
- » Spray foam insulation does not settle or shrink, providing your walls with even, structurally sustainable design
- » Spray foam insulation assists in consistent room temperatures, with no drafts or cold/hot spots
- » Spray foam insulation is maintenance-free
- » Spray foam insulation can increase the resale value of your home

COMMON AIR LEAKS

- ← **AIR LEAKING INTO THE HOUSE**
- ← **AIR LEAKING OUT OF THE HOUSE**

Industrial, Commercial & Residential Foam Insulation Systems

ENVELO-SEAL™ SPRAY FOAM SERIES

The Envelo-Seal™ spray foam product series provides many options from 0.5 open cell to high R-value ignition barrier rated foam systems. The Envelo-Seal™ foams are dimensionally stable and can be formulated up to 30.0 lb with a range of certifications. The Envelo-Seal™ portfolio also includes Envelo-Pour™, designed for pour operations including tooling/OEM part manufacturing, flotation, mold fabrication, and void filling. Envelo-Pour™ SFC I 2.0 CG has met and passed Coast Guard requirements. The best part is that SPI polyurethane foams are competitively priced, of the highest quality, and ship from 4 convenient regional facilities.

**ENVELO-SEAL™ 2.0 IB W (Winter)
or ENVELO-SEAL™ 2.0 IB S (Summer)**

- » High yield, closed cell, ICC Class 1, ignition barrier rated, spray foam insulation
- » Summer and winter formulations
- » Superior thermal & moisture management
- » Increases energy efficiency, reducing heating and cooling costs
- » Seals gaps and crevices to create a durable air barrier & vapor retarder
- » Ignition barrier rated spray foam (ICC - AC 377 Appendix X compliant)
- » Can be sprayed in attics or crawl spaces without an ignition barrier
- » Core Density of 1.7 - 1.8 PCF (ASTM D1622)
- » Aged R-Value of 6.62 at 1 Inch / 26.5 at 4 Inches (ASTM C-518)

ENVELO-SEAL™ 2.7

- » Closed cell roofing foam insulation – thermal and moisture protection
- » Provides a durable, seamless, waterproof roof system
- » Offers high compressive strengths, able to be walked on
- » No manually attached roof flashings or fasteners
- » Self flashing and adhering
- » Aged R-Value upto 6.64 at 1 Inch (ASTM C-518)
- » Class 1 fire rated & non fire rated systems to fit your project needs
- » Top trimmed Envelo-Seal™ 2.7 roofing foam with an SPI polyurea, such as ElastaFlex™ HP, an acrylic like Evercoat, or a urethane like Durathane II to make a complete insulated, monolithic, seamless roofing system.

ENVELO-SEAL™ 0.5 OC

- » High yield, open cell, ICC class 1 rated, spray foam insulation
- » Increases energy efficiency, air infiltration and sound control
- » Open cell spray foam expands approximately 140 times its original liquid volume to fill the entire wall cavity, sealing all voids and crevices
- » Core Density of 0.5 PCF at 2 Inches (ASTM D1622)
- » Aged R-Value of 3.7 at 1 Inch (ASTM C-518)
- » Water blown hybrid foam insulation system-no ozone depleting blowing agent

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