High Performance CLOSED-CELL Spray Foam Insulation

A High-Performance Closed-Cell Spray Foam Insulation that Delivers Exceptional R-Value, Great Energy Savings, Water and Air Barriers, and Added Strength Against High Wind Events.

Recipient of the EPA’s Stratospheric Ozone Protection Award for outstanding contribution to the protection of the Earth’s ozone layer.

“THE BEST INSULATION MONEY CAN BUY”

Using less energy helps the environment. ProSEAL™ can help cut your energy use and reduce your carbon footprint. Profoam, maker of ProSEAL™, is an Energy Star partner, member of the US Green Building Council, and winner of an award from the Environmental Protection Agency for protecting the ozone. See inside to learn why ProSEAL™ is among the “greenest” of all insulations.
The Problem
More and more, builders and homeowners are coming to understand that without an effective air and moisture barrier, a home is subject to water damage and air leaks that cause condensation and mold growth. The results can damage the structure and reduce the life of a building, in addition to making the occupants uncomfortable and costing them money in higher energy bills.

The Solution
ProSEAL™ is a 2lb/ft³ density, closed-cell polyurethane foam insulation that is applied as a liquid to the wall, ceiling, attic or floors. The liquid reacts, expands, and cures in place, forming a fully adhered, seamless insulating and air-blocking membrane that seals walls to prevent air penetration and block outside noise pollution. The results are a quieter home and lower energy costs. The closed-cell structure of ProSEAL™ blocks air movement and has a low permeance, which controls moisture vapor movement, eliminating the need for an additional vapor retarder. When moisture vapor is controlled, condensation will not occur, thus eliminating the water to support mold growth. Additionally, ProSEAL™ is blended with an anti-microbial agent to inhibit mold, mildew and bacterial growth.

The End Result
Superior Home Insulation Offering High Performance and Exceptional Value. By designing and building a highly energy-efficient, low-maintenance home, the reduction in energy used for heating and cooling will lower demand on utility companies for the life of the house. With ProSEAL™, you can insulate directly to the roof deck, putting all of the space under the roof to use. By putting HVAC ductwork in conditioned space, energy waste from leakage is eliminated. This additional conditioned space can then be utilized for computer rooms, bonus rooms, playrooms, or closed 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 the high-performance insulation you’ve been looking for is ProSEAL™.

How ProSEAL™ Closed-Cell Insulation Works
ProSEAL™ foam insulation is a two-part liquid formulated from renewable agricultural resources that is sprayed in place by specially trained Profoam 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 and moisture vapor retarder. ProSEAL™’s high R-value allows designers to reduce the depth of exterior walls and still obtain high energy efficiency. This means more living space in your home. By simply changing the exterior walls from 2” x 6” studs to 2” x 4” studs, a 2,500 sq. ft. house gains almost 6 square feet of living space – reducing the wood required and saving two trees.

HOMEOWNER BENEFITS
ProSEAL™ high-performance spray foam insulations saves homeowners money and makes their homes stronger, healthier and more comfortable.

• Significant savings on your monthly energy bills.
• Provides superior R-value of 6.8 at one inch, reducing both heating and cooling costs.
• Creates an air barrier that eliminates leaks and energy loss.
• Provides a vapor retarder that controls moisture problems.
• Specially formulated to inhibit mold, mildew and bacterial growth.*
• 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, airtight, insulated barrier.
• Strengthens roof deck attachment against high wind, Has Florida product approval (69765) and Miami Dade NOA approval (#12-0810.09) to reinforce roof deck attachment against hurricane-force winds.
• Strengthens walls and increases overall structural integrity by adhering and bonding to the wall surface.
• Provides secondary water barrier.
• FEMA Class 5 Flood-Resistant Material.
• Damp-proofs by creating a seamless membrane between the inner and outer walls.
• Proven insulating power – spray polyurethane foam systems have been applied successfully for more than 45 years.

* ProSEAL™ 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 ProSEAL™ insulation from potential deleterious effects of mold, mold spores, or disease organisms that may be present in the environment.

BUILDER BENEFITS
ProSEAL™ high-performance spray foam insulation is the highest quality spray foam technology on the market today.

• Adaptable to uniquely shaped, hard-to-insulate designs.
• Easy to install so you finish a job under budget and ahead of schedule.
• Creates a fully adhered and monolithic membrane for a seamless insulation envelope.
• Watertight within seconds of being applied.
• Can be applied to the underside of roof decks to form conditioned or cathedralized attic areas.
• Normally unusable attic area can be “harvested” by converting it into usable living space.
• Crawl space insulation can be installed in a non-vented configuration for greater energy savings.
• Building code compliant ESR #1615.
• Installed by trained and highly experienced Profoam contractors.

ProSEAL™ is the most energy efficient closed-cell polyurethane foam spray insulation system available. It is formulated to provide maximum benefits to homeowners in addition to saving significantly on energy costs. It stops air leakage, reduces noise and blocks dust, pollen and other airborne pollutants. It controls moisture movement to prevent condensation conditions, thereby eliminating the moisture that can lead to mold growth. When applied directly to the roof deck, ProSEAL™ adds structural strength and greatly increases the ability to withstand uplift from high winds.