



PolyCon Open Cell Spray Foam Insulation

***The Spray Foam Insulation Solution to
Sustainability and Energy Savings***

PolyCon Open Cell Insulation

HOW POLYCON OPEN CELL WORKS...



PolyCon Open Cell Insulation is a water blown spray foam that fully and tenaciously adheres to the wall framing and substrate, eliminating any chance of the insulation blanket slipping down the wall cavity over time like traditional insulations. This helps ensure consistent and reliable performance throughout seasonal cycles for the life of the structure.

The monolithic blanket is formed when the **PolyCon PC 450 or PC 500** spray foam is applied as a liquid, then quickly expanding into a seamless, fully adhered blanket of insulation that fills every crack and crevice to ensure that all risk of air infiltration is eliminated. Air infiltration can be the main source of energy loss, as much as 45%, in a typical structure.

Open Cell Benefits

- **A more economical spray foam solution**
- **Sound attenuation characteristics**
- **Eliminates air infiltration**
- **Reduces Carbon Footprint**
- **Water Blown Technology**
- **Improved Indoor Air Quality**
- **Eliminating hot and cold spots**
- **Reduces the infiltration of pollutants, allergens, and other harmful asthma triggers from entering the home**



PC 500



PC 450



PolyCon 450 and PolyCon 500

Open Cell Spray Foam systems are lightweight, durable, and versatile insulation solutions engineered for the highest performance in energy efficiency and energy cost savings. Open cell spray foam is the optimal solution for all residential designs.

PC 450 and PC 500 Open Cell Spray Foam Insulation systems also have sound attenuation characteristics, creating a more serene and comfortable environment.

Open Cell Spray Foam is the most common system preferred in residential applications by homebuilders. **PolyCon Open Cell** is a meaningful upgrade to traditional insulations.

PolyCon Open Cell Spray Foam can be used in residential applications in exterior walls, attics, roof lines and under interior elevated floors optimizing the value and impact of this advanced technology for insulation and sound attenuation.

Spray foam insulation will enhance comfort, reduce energy consumption, and environmental impact by reducing your home's carbon footprint.

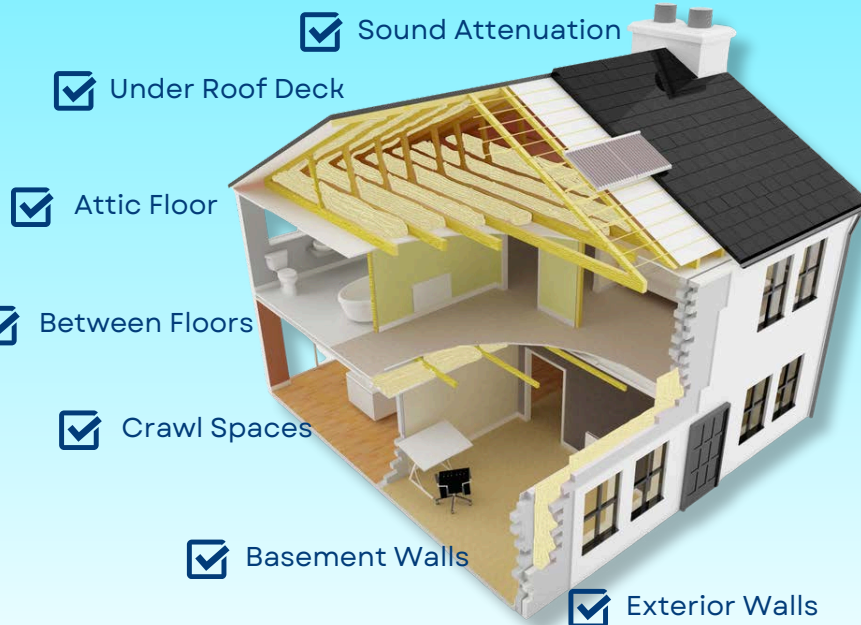
Where to apply PolyCon Open Cell Spray Foam Insulation



Spray foam insulation in **Attic Spaces** creates an airtight seal that blocks hot air in the summer and traps warm air in the winter. This helps to improve energy consumption, lower energy bills, and take strain off of the HVAC system.

When applied **Between Floors** or on garage ceilings, spray foam insulation reduces sound transmission and creates a quieter home by dampening noise from foot traffic, garage activity, and more.

Spray foam insulation in **Crawl Spaces** helps to prevent moisture buildup and mold growth by creating a moisture-resistant barrier. It also helps seal off air leaks and keep pests and cold air out while improving the overall efficiency of the structure.



Spray Foam Insulation in **Exterior Walls** provides a thermal barrier that prevents leaks and keeps indoor temperatures stable. Spray foam insulation in exterior walls also functions as a sound barrier and significantly cuts down on noise intrusion.

BENEFITS OF PROPER INSULATION



In addition to saving money on energy bills and improving comfort, sealing and insulating your attic with spray foam insulation can help address other common household problems, such as:

- Reducing noise from outside
- Minimizing the pollen, dust, insects, and/or other pests from entering your home
- Providing better humidity control
- Reducing ice dams on the roof and eaves - a common problem in snowy climates



(www.energystar.gov/sites/defaultfiles/tools/ES_Insulation_Factsheet_2023.pdf)

1-855-PC1-FOAM



ABOUT POLYCON

The technology at PolyCon was specifically developed and formulated to ensure sustainability and long-term performance. The proprietary formulas are designed to accomplish the ultimate goals of our customers, the entire value chain between the manufacturer and the ultimate consumer, the building owner.

Whether the installation is intended for a residence, a multifamily structure or a large commercial building, the PolyCon products are formulated to provide reliable installation characteristics and long-term comfort and performance. The products are spray applied in a liquid form and quickly react, expanding 30 to 150 times their original volume, to form a monolithic and fully adhered blanket of insulation.

The PolyCon team is here to assist you with your project, providing our century of experience and support, to ensure your project's success.

PolyCon LLC

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