



ECO-SPRAY SOLUTIONS
SPRAY FOAM INSULATION

The Pittsburgher's Guide to a Draft-Free Home

Those nagging drafts aren't just a nuisance; they're an invisible drain on your finances and comfort. Every bit of warm air escaping your home means your furnace works harder, your energy bills climb higher, and your hard-earned money simply slips away.

Stop drafts. Lower bills. Make your home quiet and comfortable—year-round.
Insulation, Pittsburgh-style.

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"Who Let the Cold Out?"

In Pittsburgh, we know that opening a door or window let's the cold out... at least that's what we've been taught. As we've grown up, we now realize that there other factors that contribute a draft in your home...

Stopping Cold Air Leaks



Drafty Windows

Causes cold air
leaks



Poor Insulation

Walls and attic
gaps

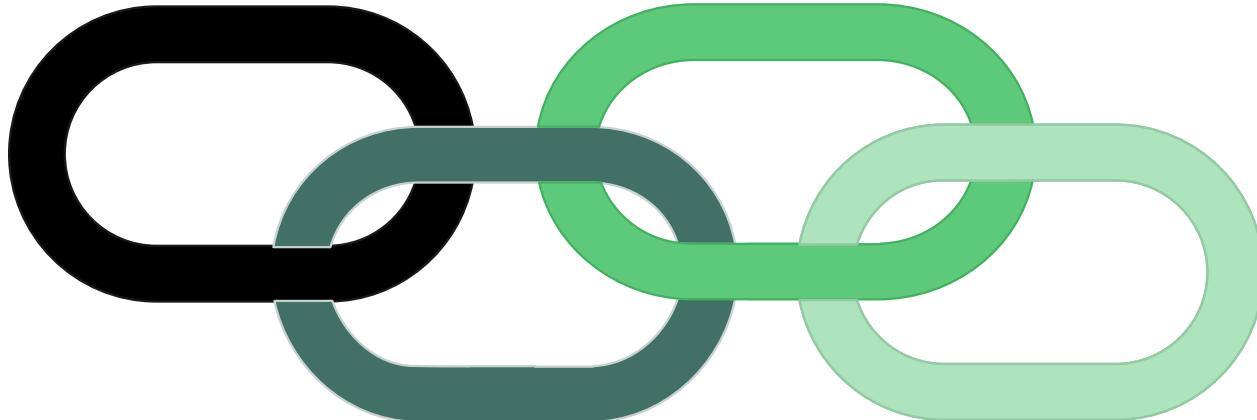


Faulty Door Seals

Cold seeps under
doors

About Ecospray Solutions

**Pittsburgh
Craftsmanship**



Honest Pricing

Energy Expertise

**Immaculate
Cleanliness**

We're a Pittsburgh-born team that treats every home like it's on our block. From the South Hills to the North Hills - From Allegheny County to Westmoreland County—and every neighborhood in between—we bring **Pittsburgh's deep-rooted craftsmanship** to every job.

Our promise is simple: **seal it right, price it right, and leave it cleaner than we found it.** Like the crews who built our bridges and mills, we're focused on getting the job done right, the first time, and on schedule.

Yinz Gonna Learn Today

1 Drafts in the 'Burgh: What's Really Going On

Why your home feels drafty despite your best efforts, and how to approach it with the same no-nonsense practicality Pittsburghers apply to any problem.

3 Open-Cell vs. Closed-Cell—Pittsburgh-Style Matchups

Choosing the right foam with the same careful consideration and craftsmanship that defines our city's skilled trades.

2 Where Foam Wins: Attic, Rim Joist, Crawl Space

The critical spots in your home that demand a solid, reliable seal, much like the enduring structures built with Pittsburgh's industrial heritage.

4 Costs, Payback, and Financing

Because, like a hard day's work, this investment truly delivers a payoff built to last.

When Your Home Leaks Air, Your Hard Work Drains Away



The Pittsburgh Home Reality Check

Western PA's freeze-thaw winters and humid summers make drafts, cold floors, and noisy rooms feel like a stubborn problem many Pittsburghers just live with. But they don't have to be!

We're about to show you how to finally tackle those drafts that have been a persistent challenge in Pittsburgh homes since the steel mills were running full steam.



What You'll Learn in This Playbook

How modern spray foam insulation can **bridge the gaps** (like the Fort Pitt Bridge bridges the Mon) and deliver quieter rooms, steadier temperatures, and lower utility bills.

The Numbers Don't Lie: Spray Foam Results



Up to 50% Energy Bill Reduction

Experience substantial savings on heating and cooling costs year-round.



R-6 to R-7 R-Value Improvements

Achieve superior thermal performance and insulation efficiency.



15-25% Increase in Home Value

Boost your property's market appeal and long-term investment.



Up to 90% Air Leakage Reduction

Eliminate pervasive drafts, ensuring a more comfortable living space.



3-7 Year Payback Period

See a return on your investment quickly through energy savings.



40% Air Tightness Improvement

Significantly reduce drafts and maintain consistent indoor temperatures.



Quieter indoor environments

Significantly dampen outside noise from traffic, neighbors, and airplanes.



Reduce creaking and drafts:

A more stable structure often means a quieter and more comfortable home.

Drafts in the 'Burgh: What's Really Going On

The Stack Effect 101

Warm air rises and escapes through the top of your home (attic/roof), pulling cold air in from the bottom (basement/crawl).

The result? Drafts colder than a winter morning at the job site, floors that make your socks freeze like the Allegheny in January, and a furnace that works overtime like a millworker on a double shift.

The fix is to **air seal the top and bottom of the "stack"** tighter than a well-built foundation.



Top Culprits in Pittsburgh Homes



Attic Problems

Penetrations from can lights, bath fans and flue chases leak more air than a gap in a carefully laid brick wall.



Rim/Band Joists

The basement perimeter lets in more cold air than a drafty door on an old mill building.



Knee Walls & Hatches

These leak air worse than a loose seam on a freshly sewn work jacket.



Crawl Spaces

Walls and sill plates with more gaps than a construction job left unfinished.

Why spray foam? Unlike loose fill or batts, spray foam is insulation **and** an air barrier in one pass. It seals tighter than a well-built bridge truss.

Where Foam Wins: Attic

Attic & Roof Deck

Goal: Stop stack-effect losses, prevent ice dams, and stabilize upstairs temperatures with the unwavering efficiency of Pittsburgh's industrious spirit. Stopping stack-effect losses isn't just about saving energy; it means saying goodbye to those uncomfortable temperature swings that make certain rooms unusable. No more freezing upstairs in winter or sweltering in summer. By preventing ice dams, you're protecting your roof from costly damage and extending its lifespan, a true long-term investment for any Pittsburgh home.

Approach: For attics that become conditioned spaces, open-cell foam is typically applied directly to the underside of the roof deck. Its expansive nature allows it to fill every crevice, creating a seamless, air-tight barrier. This also helps manage moisture, reducing the risk of humidity-related issues. For complex or high-moisture zones, or where additional structural integrity is beneficial, targeted closed-cell foam might be used due to its higher density and impermeable nature.

Pittsburgh-style perk: Beyond just quieter bedrooms, a properly insulated attic dramatically improves overall indoor air quality by reducing the infiltration of outdoor allergens and pollutants. This creates a healthier and more comfortable living environment, offering a well-deserved peace after a hard day's work.



Did yinz know? A properly sealed attic can lower your heating bill with the solid, dependable savings Pittsburghers appreciate. Additionally, by creating a thermal barrier at the roofline, spray foam insulation helps protect HVAC ducts (if they run through the attic) from extreme temperature fluctuations, further increasing the efficiency of your heating and cooling systems. This means your HVAC unit works less, lasts longer, and saves you even more money.

This comprehensive sealing approach not only reduces energy waste but also minimizes external noise, making your home a quiet refuge from city sounds.



Where Foam Wins: Rim Joist & Crawl Space

Rim/Band Joists

Goal: Eliminate perimeter leaks and cold floors above.

Approach: Thin lifts of closed-cell foam (great R-per-inch + moisture resistance).

Pittsburgh-style perk: Warmer first-floor floors—perfect for kicking off your work boots and enjoying a well-deserved pierogi after a long day.

Crawl Spaces & Basements

Goal: Cut drafts, reduce musty odors that smell worse than the Liberty Tubes in traffic.

Approach: Closed-cell foam on walls/rim + vapor control.

Pittsburgh-style perk: A basement that feels less like a forgotten utility space and more like a proper, Pittsburgh-tough addition to your home, built to get things done right.

Open-Cell vs. Closed-Cell — Pittsburgh's Practical Choice

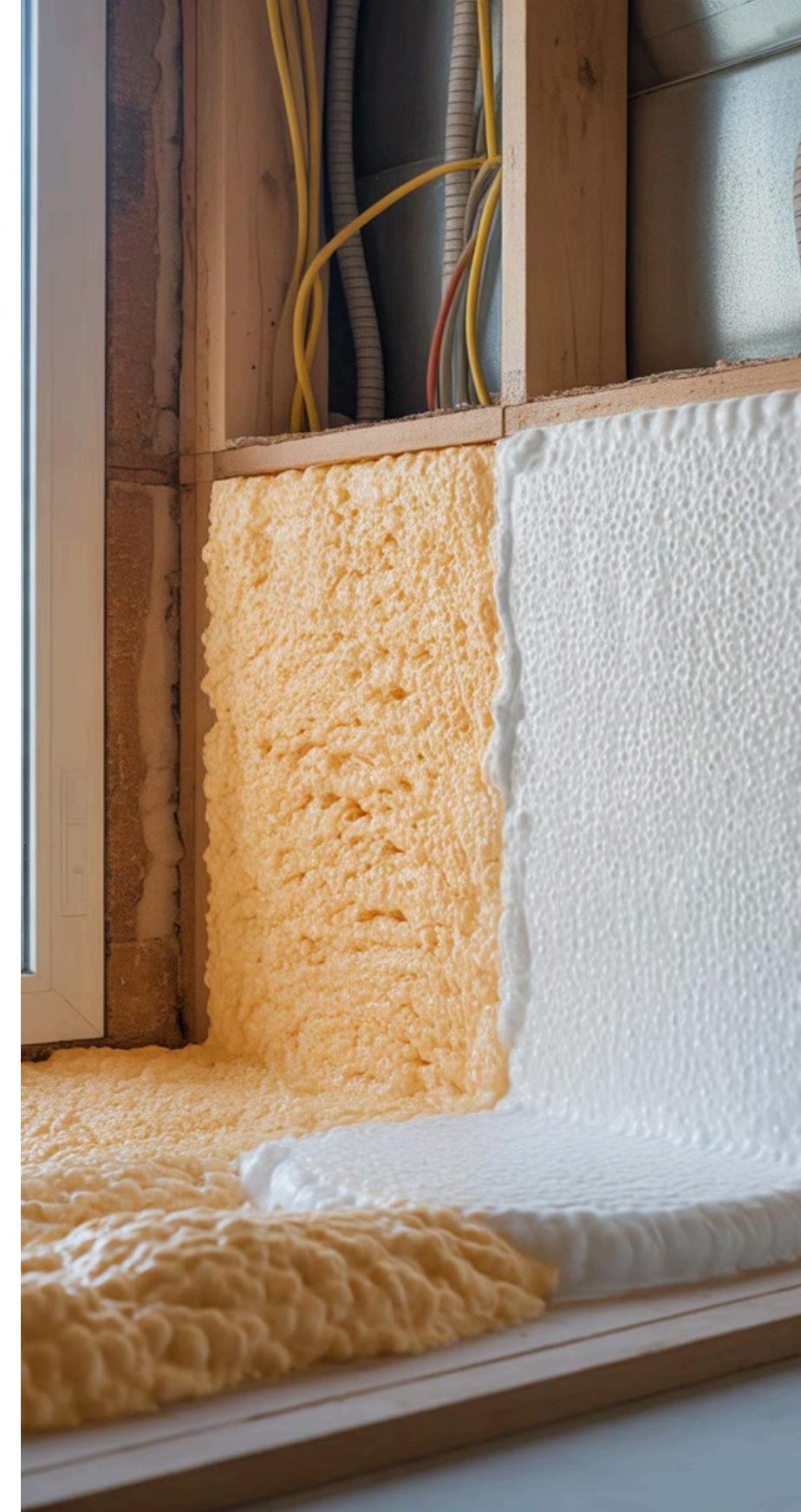
Open-Cell ("OC")

- **Best for:** Interior applications where sound control matters (like ensuring quiet in your home after a hard day's work)
- **R-value:** ~R-3.6 to R-4.0 per inch
- **Traits:** Flexible, great air seal, vapor-open
- **Local tip:** Works well for attics when paired with proper ventilation strategy (like the precise engineering that built our city's iconic bridges)

Climate call (Zone 5A): Many Pittsburgh projects blend both—**OC** where drying potential is valuable; **CC** where moisture and maximum R-per-inch matter. Call it a pragmatic Pittsburgh blend, designed to get the job done right.

Closed-Cell ("CC")

- **Best for:** High R-per-inch needs, moisture-prone areas (rim joists, crawl walls)
- **R-value:** ~R-6.0 to R-7.0 per inch
- **Traits:** Adds rigidity, strong air and vapor control
- **Local tip:** A favorite for Pittsburgh homes needing solid protection against cold floors and condensation, reflecting our city's resilient spirit)



Typical Costs, Payback & Financing

Common Project Ranges

- **Rim/Band Joist (whole house):** \$1,200–\$3,000+
- **Attic Roof Deck (conditioned attic):** \$3,500–\$9,000+
- **Crawl Space Walls & Rim:** \$2,500–\$6,000+
- **Garage/Bonus Room:** \$1,800–\$5,000+

Payback Drivers

- Air leakage reduction (as robust as Pittsburgh steel)
- Ducts brought inside the thermal boundary (a practical solution for Pittsburgh's historic homes)
- Comfort & noise reduction (like the quiet after a long shift, a well-earned rest)

Financing options: Low-monthly-payment plans with approval as straightforward as a Pittsburgh handshake.

N'at: Bundle with other measures (air sealing, ventilation) for reliable ROI, building a more secure home for years to come.

Rebates & Incentives in the Pittsburgh Area

Programs change—we'll help you check current eligibility and file paperwork. Examples include:

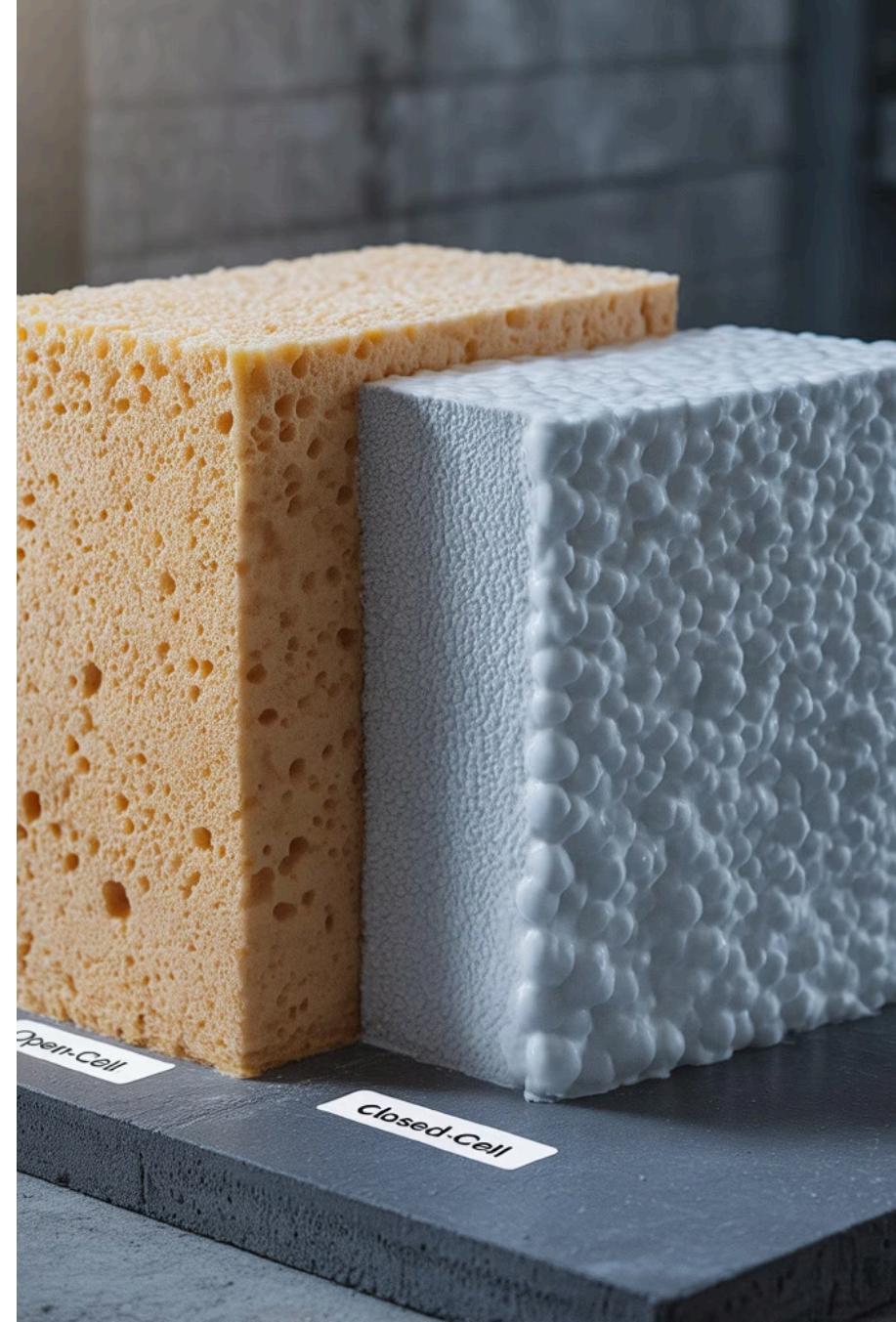
Local Utility Programs

For air sealing/insulation measures (documentation and verification often required, but as straightforward as a well-engineered solution)

Ecospray Advantage: We provide documentation to support rebate submissions—so you can focus on your home and family, not the paperwork.

Federal Energy Efficiency Tax Credits

For qualifying insulation/air sealing (as dependable as a Pittsburgh craftsman's word)



Room-by-Room Walkthrough Checklist

Print this page and take it on your walkthrough. Circle items that apply, getting straight to work like a true Pittsburgher on a job well done.



Attic / Top Floor

- Knee wall connections
- Can light penetrations
- Chimney chase gaps

Bedrooms & Living Areas

- Cold walls/floors
- Drafty outlets
- Window perimeters

Basement & Crawl

- Rim/band joist gaps
- Sill plate connections
- Utility penetrations

Pro tip, Pittsburgh-style: Start **top and bottom** (attic + rim/crawl). That's how you **bridge to lower bills**, just like building a solid foundation from the ground up.

Safety, Codes & What to Expect on Install Day

Our Process Is Smoother Than Driving Through the Liberty Tubes at 3 AM

- **Ventilation & Re-Entry:** We ventilate during application with the precision of a craftsman
- **Code & Documentation:** We install to manufacturer specs and local code, with measurements more precise than a blueprint for a new bridge
- **Site Protection:** Floors, furnishings, and pathways covered; cleanup more thorough than a perfectly swept factory floor



Moisture & Ventilation: We'll flag any bulk-water issues and recommend upgrades where needed—because nobody wants their basement wetter than the Point during spring thaw.



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Yinz Ready to Stop Letting the Cold Out?

It's Time for True Pittsburgh Comfort

Schedule a free assessment or request an instant estimate. We respond faster than Pittsburgh drivers when the light turns green.

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Email: hello@ecospraysolutions.com

Web: ecospraysolutions.com

Because every Pittsburgh home deserves to be as comfortable and enduring as the city itself—built on a foundation of hard work and getting the job done right, with no drafts to disrupt your well-earned peace.

