SMART
FROM THE START.
Gaco’s Air Seal Advantage: a single, solid, energy-saving barrier.

The secret to energy efficiency is simple: keep the outside air out, and the inside air in. Unfortunately, air can travel through even the smallest cracks, holes or seams. Even with traditional fiberglass insulation, air easily passes through the spaces between the wall studs and the insulation batts, reducing the effective R-value of the assembly. GacoWallFoam has no seams or cracks because it immediately expands to fill every nook and cranny. And because GacoWallFoam doesn’t shrink, settle or sag over time, the “Air Seal Advantage” continues to provide energy savings year after year.

A COMPLETE AIR SEAL

Superior home insulation begins by keeping outside air out and inside air in. When GacoWallFoam is applied, it is sprayed into the stud wall cavity, where it immediately expands to fill the available space. So, unlike fiberglass insulation, GacoWallFoam seals air gaps and seams to create the highest level of insulation value for your home.

ENERGY-EFFICIENT.

GacoWallFoam spray foam insulation makes complete sense from the moment it bonds to the frame of your home. You can actually see the seal created as liquid foam thoroughly fills every crevice and solidifies into a seamless high performance barrier, specially formulated to protect you, your family and your home investment. Consider the benefits: higher R-values, increased energy savings over the life of your home, low long-term maintenance costs, effective sound insulation, added structural strength, resistance to mold, pests and pollutants, and even reduced installation and construction waste. With GacoWallFoam, you start smart and stay strong with energy savings of up to 40% over other insulation techniques, allowing you to recoup your initial investment in as little as five years.
Designed to protect. Made to last.

When GacoWallFoam closed-cell foam is sprayed into the stud wall cavity of a home its two liquid components become chemically bonded, creating a rigid plastic-like material that ties the studs and the exterior sheathing together as one. In technical terms, this is called a monolithic air barrier, because there are no gaps or voids – only one single uniform structure. That structure actually strengthens the framing of your house, providing added protection against the elements and increasing the longevity of your home.

Breathe easier. We have you covered.

The same GacoWallFoam air seal that prevents air from flowing in and out works equally hard at preventing outdoor pollutants such as smog, pollen, dust, insects and pests from penetrating your home – and, GacoWallFoam inhibits the growth of mold and bacteria. All that adds up to a safer, healthier home for you and your family.

### Resistance to Common Household Contaminants

<table>
<thead>
<tr>
<th>Contaminant</th>
<th>Traditional Fiberglass Insulation</th>
<th>Gaco WallFoam</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mold</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Mildew</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Bacteria</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Air Pollution</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Pollen</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Insects</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Rodents</td>
<td>NO</td>
<td>YES</td>
</tr>
</tbody>
</table>
Peace and quiet. Peace of mind.

Most sound travels through the air, so the air barrier created by open- and closed-cell foam also acts as a sound barrier to help block airborne noise. For the greatest sound deadening, choose GacoWallFoam open-cell foams which also absorb sound and are proven to decrease exterior noise by up to 20 decibels. Because our perception of noise levels doubles every 10 decibels, that can equate to a 75% quieter home.

There are obvious long-term benefits that come from having a more energy-efficient home, including reduced energy consumption and reliance on fossil fuels. GacoWallFoam provides long-lasting insulation so you can be assured your home won't require insulation upgrades, which create debris for landfills. Plus, the application of GacoWallFoam is a cleaner process than other insulating materials, so there is less mess and waste right from the start.

GacoWallFoam meets government requirements for a federal tax credit for installation of insulating materials in a private dwelling and may contribute to LEED credits in many categories.

### Common Noise Levels

<table>
<thead>
<tr>
<th>Item</th>
<th>Volume (dB)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motorcycle Traffic</td>
<td>100 dB</td>
</tr>
<tr>
<td>Passenger Vehicle Traffic</td>
<td>85 dB</td>
</tr>
<tr>
<td>Truck Traffic</td>
<td>90 dB</td>
</tr>
<tr>
<td>Barking Dog</td>
<td>85 dB</td>
</tr>
<tr>
<td>Jet Airplane</td>
<td>140 dB</td>
</tr>
<tr>
<td>Car Alarm</td>
<td>100 dB</td>
</tr>
<tr>
<td>Lawn Mower</td>
<td>107 dB</td>
</tr>
</tbody>
</table>
Gaco’s open-cell and closed-cell spray foam insulation products are Smart from the Start. Not only are they energy-efficient, they’re strong, healthy, quiet and responsible.

OPEN CELL SPRAY FOAM INSULATION

GacoFireStop2
Safe and smart.
Delivers exceptional fire performance and exceeds tough new codes.

GacoProMax and Gaco 052N
Smart and quiet.
Provides a single, solid, energy-saving barrier that reduces noise transfer and creates a quieter home.

CLOSED CELL SPRAY FOAM INSULATION

Gaco 183M
ABAA Evaluated.
Approved for all construction types applicable to commercial and industrial construction.

GREENGUARD Certified.
Exceptionally low emissions; contributes to healthier interiors for sensitive individuals.

Additional products available.

ENHANCE THE VALUE OF YOUR HOME OR BUILDING, AND YOUR QUALITY OF LIFE. Choose spray foam insulation by Gaco.
ABOUT GACO WESTERN

Founded in 1955, Gaco Western remains today a family-owned business with its roots in technology and product innovation. This company was built on three fundamental principles: superior products; sold by experts; at competitive prices. Today, Gaco Western coatings and spray foam insulation cover millions of square feet of commercial and residential buildings around the world, earning a trusted reputation in the construction industry as a producer of best-of-class waterproofing and insulation solutions.

Commercial Applications for GacoWallFoam 183M

- U.S. military troop tents in Afghanistan
- Exterior insulation and air barrier
- Interior insulation and air barrier
- Under slab insulation and vapor retarder
- Insulation for industrial storage tanks
- Retaining wall insulation and vapor retarder

Gaco Western
SINCE 1955

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