

# ECONO-THERM INSULATION CO.



*High Fuel Bills?  
We Can Help*



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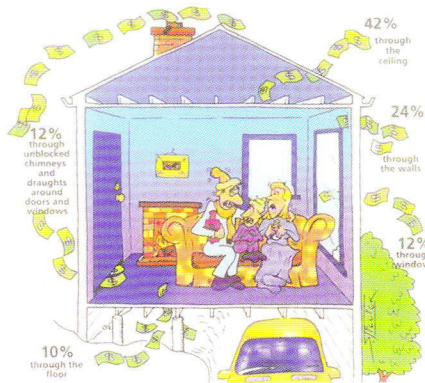
# Econo-Therm's Retrofit Program

Retrofit technologies include a wide range of energy efficiency upgrades for retrofitting homes and apartment buildings. The Econo-Therm's Retrofit Program provides the best solutions of efficiency measures based on an energy audit of the home.

## ENERGY AUDIT

An energy audit is the first step to evaluate how much energy your home utilizes. An audit will save you significant amounts of money over time by identifying problems that may, when corrected, contribute to energy cost savings.

During the audit, the Econo-Therm auditor can pinpoint where your house is losing energy and what measures are available to make your home more energy efficient. Audits also determine the efficiency of your home's heating, cooling, and electric hot water systems.



## Energy Savings for Life in **THREE** easy steps:

1. Energy Audit Home Evaluation
2. High-impact Energy Retrofit Upgrades
3. Energy Rebates & Tax Credits

## Included in the Home Energy Audit

### • Home Inspection

Econo-Therm performs an onsite interview and inspection. Homeowners should make a list of existing problems such as room drafts or uncomfortable areas, condensation or other areas of concern. Have copies or a summary of the home's yearly energy bills (your utility company can get these for you). Auditors use this information to establish what to look for during the audit. The auditor will also examine the outside of the home to determine the size of the house and its features (i.e., wall area, number and size of windows).

### • Blower Door Test

Econo-Therm Auditors use blower door tests to help determine the "AirTightness" of a home.

**How they work** – a blower door is a powerful fan that mounts into the frame of an exterior door. The fan pulls air out of the house, lowering the air pressure inside. The higher outside air pressure then flows in through all unsealed cracks and openings. The auditors may use a smoke pencil to detect air leaks. These tests determine the air infiltration rate of a building.



## Infrared Inspections

The importance of an infrared inspection is evident in the Thermogram and control picture. As viewed on the scanner. This allows us to pinpoint problem areas and create a cost effective work scope.

## Air Sealing

Air sealing is one of the most critical features of an energy efficient home. A before and after blower door test can ensure that all major air leakage paths have been identified and sealed using the appropriate materials.



Before

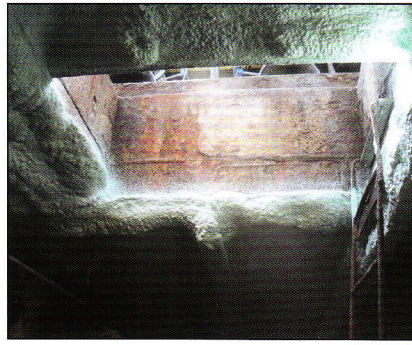


After

**ECONO-THERM IS A PARTICIPATING CONTRACTOR**

# Sprayed Polyurethane Foam

Sprayed Polyurethane Foam seals cracks, gaps, and voids by expanding 120 times its volume into a semi rigid insulation and air seal.



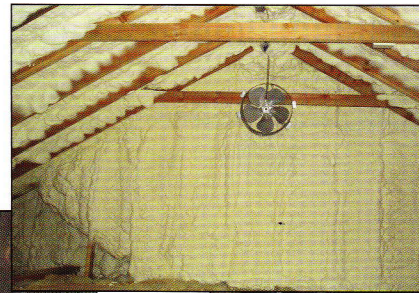
The fish holding area on commercial fishing boats



The underside of deck over the water winterized with a glass enclosure and radiant floor heat

# Upgrading Attic Insulation

Econo-Therm offers all types of attic insulations depending on your type of home. We will evaluate the best insulation for your job. With many products that are available we will recommend the best product for your home.



Retro fit spray foam conditioned attic



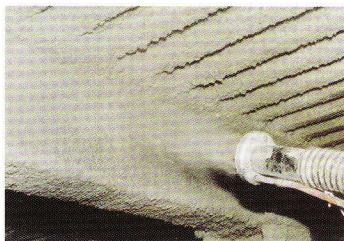
Conditioned Attic Foam



Blown in Cellulose



Blown in Fiberglass



# Commercial Spray Fireproofing for New Construction

Besides being a fireproofing, Insulation Blaze Shield is an efficient sound absorbing material. This feature adds value to the fireproofing application in mechanical rooms, parking garages, or other areas where high noise levels are anticipated.

# Monoglass® Spray Insulation

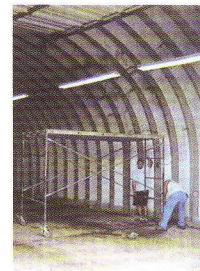
**Monoglass® bonds easily to:**

- Concrete
- Steel
- Fireproofing products
- Wood
- Gypsum
- Rigid fiberglass and plastic insulations
- Most painted surfaces

**Monoglass® provides:**

- High Thermal Value
- Excellent Noise Reduction
- Non-Combustible
- Non-Toxic
- Permanent
- Quickly Installed
- Competitively Priced
- Inorganic
- 37% Re-Cycled Content
- No support for mold growth

Before



After



Highway Department Truck Repair Shop - needed a Fire Rated Thermal Insulation

# Wall Insulation

Side walls lose up to 24% of your home's energy, both in the summer and winter. With blown-in insulation we can completely fill all wall cavities, lowering heating and cooling costs, and increasing your comfort.

Econo-therm mechanics can blow in many types of insulations into the side walls of your home with minimum evidence that your home was ever touched. We use all types of insulation such as cellulose, fiberglass, or foam to insulate your home.



VINYL



ALUMINUM



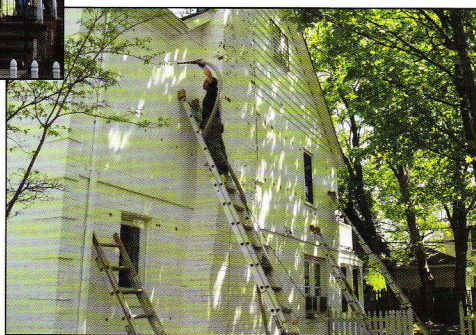
CLAPBOARD



SPRAY FOAM



SHINGLE



BRICK AND STUCCO



SHEETROCK

# Flat Roof Insulation

Econo-Therm has developed insulation techniques that have set industry standards. Along with the most modern blowing equipment and highly skilled installers, we make flat roof insulation look easy. Along with ventilation we can make your building more comfortable year round and cut your fuel bills, making this upgrade at the top of the list in savings.



# Spray Polyurethane Foam

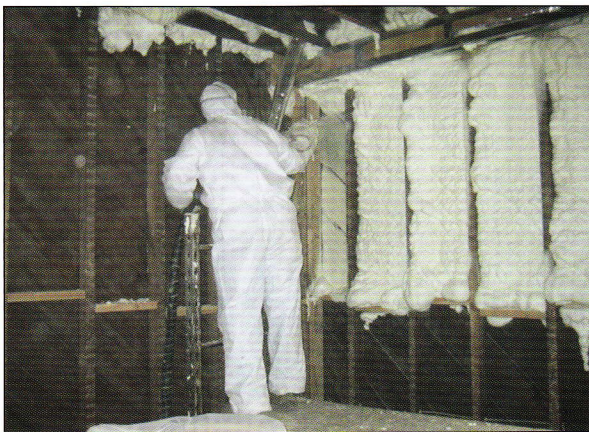
For new or retro fit construction projects, spray on open or closed cell polyurethane foam installed on site at the same point traditional insulation would be installed. Performs up to 50% more efficiently than other products.



CLOSED-CELL SPRAY FOAM



OPEN-CELL SPRAY-FOAM NEW CONSTRUCTION



OPEN-CELL SPRAY-FOAM RETRO-FIT

## Prevent Mold - On the surface of the coating applied to interior construction materials

FortiCel™ is a proprietary coating technology that prevents mold growth on its coating surface. When applied to the interior side of construction materials such as lumber, concrete, and steel, FortiCel™ provides long-lasting and durable protection to reduce the potential of mold problems.



CERTIFIED INSTALLER FOR SPRAY FORTICEL™



# ECONO-THERM INSULATION CO.

*Econo-Therm's trucks, with our expertly trained staff, are ready to perform a variety of insulation and weatherization upgrades to your home or business to save on your fuel bills, and make for a more comfortable home.*



Take advantage of the tax credits and rebates that are available.



**MAKE THE RIGHT CHOICE  
IN CONTRACTORS,**  
Econo-Therm is an award-winning contractor with home performance with Energy Star.

Econo-Therm installs all types of insulation products allowing us to recommend the best product for your job.



We are a B.P.I. accredited contractor offering you real solutions, not quick fixes.

ACCREDITED  
CONTRACTOR

## Who We Are

Econo-Therm Insulation is an owner-operated local business serving the Long Island and Metropolitan New York area since 1969.

We are doing our part to reduce the nation's dependence on foreign energy, improve the indoor air quality in our community, and provide the most professional insulation services in the area. We accomplish these goals by taking the time to understand your needs and ensuring that we only offer the highest quality product.

We are an innovative insulation installer using the latest products and techniques to ensure superior energy performance. By researching independent studies and Government reports on energy and health issues related to our industry, we have chosen the safest, healthiest and highest performing insulation systems available today.



*"Mike and I would like to thank you for the great insulation job that you did. We got through another winter with few complaints. Out of all the insulation contractors we met with, you stood out with one with great integrity, forthrightness, and patience to guide us in making the right decision. We would not hesitate to recommend you and your company to others in need of insulation work. Wishing you health and prosperity."*

*Sincerely,  
Michelle and Mike Monfort*

*"Thanks for making our home so much more comfortable. We noticed a difference immediately after you insulated our roof. Our neighbors tell us that their heat had still been coming on during the last few weeks of April, but our heat never needed to – Thank You! We're excited to see how much money we will save on our future energy bills.*

*Thanks again for doing such a great job. We're recommending you to everyone ;-)"*

*Sincerely,  
Gina and Kevin Bartnik  
Bay Ridge, Brooklyn*

## HOME STAR GOLD CONTRACTOR

Econo-Therm Insulation Co. has received the  
**2010 Home Performance with ENERGY STAR Century Club Award**  
from the U.S. Environmental Protection Agency and the U.S. Department of Energy.