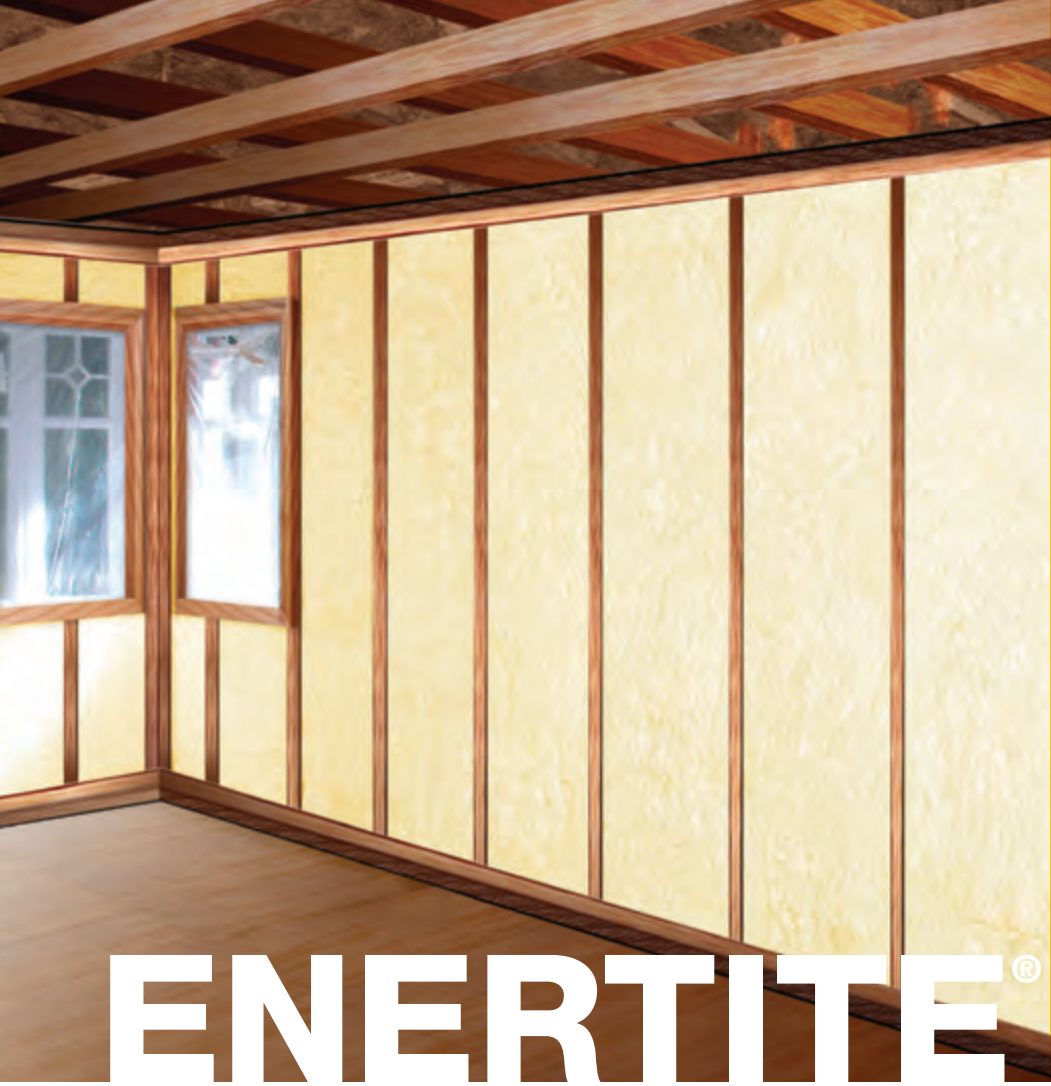

ENERTITE®

More Than Just Insulation
Low Density Insulation

BASF
The Chemical Company

Raising Performance To New Heights®

CHOIX ENVIRONNEMENTAL · ENVIRONMENTAL CHOICE

Children & Schools GREENGUARD® Indoor Air Quality Certified

Over 9,000 people
dedicated to raising performance

Innovative products are at the source of BASF's success. Knowledge is acquired through collaborations with universities and research institutes, as well as joint ventures to develop new technologies.

Choosing ENERTITE is opting for a product backed by the resources and know-how of an international leader in the chemical sector. It is choosing a company that, in Research and Development (R & D) alone, employs over 9,300 people and spends over €1.398 billion (approximately $2.2 billion CDN annually).*

BASF
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Raising Performance To New Heights®

Recent years have seen an increase in energy costs and a rise in occupant demand for higher comfort and air quality standards. This has caused architects and contractors to put more emphasis on insulation performance.

ENERTITE is a low density, spray applied polyurethane insulation system intended for residential, commercial and institutional applications. It provides not only insulation but also air sealing, sound absorption.

For optimum comfort and energy efficiency, ENERTITE can be used in conjunction with WALLTITE® ***ECO***™, a spray applied polyurethane insulation/air barrier system also developed by BASF. WALLTITE ***ECO*** provides a gap-free, airtight, monolithic building envelope that adheres tenaciously to virtually all surfaces, smooth or irregular.

BASF insulation products are the result of the company's ongoing commitment to research and development.

* Ref.: 2008

ENERTITE: in a class of its own

After extensive R & D, BASF has now introduced ENERTITE, which provides gap-free adhesion for an effective air barrier that eliminates air leakage through the wall, preventing convective moisture transfer and condensation.

Breaking the Mould

Air leakage and water penetration in a building envelope are major causes of mould. Costs associated with removing mould or repairing structural damages are significant and can affect the value of your home.

ENERTITE adheres tenaciously to most substrates, will not sag or settle, and is an effective air barrier material reducing the risk of condensation, thus keeping your home comfortable, healthy and energy-efficient.

With ENERTITE, your family's comfort, well-being and the value of your home are protected.

WHY CHOOSE ENERTITE?

BASF's ENERTITE low density Spray Polyurethane Foam (SPF) system combines the properties of insulation and air barrier material. As a fully-adhered, seamless installation, ENERTITE provides the following performance characteristics:

- Thermal resistance of R-3.5 per inch (RSI – 0.61 m^2•°C/W/25 mm)
- Airtight continuity across all joints, seams, transitions and overlaps
- Elimination of convective air-flow both through and around insulation
- Effective sound absorption
- Impermeability to dust
- Does not support fungal growth
- Ozone friendly
- Reduces greenhouse gas emissions by improving the energy performance of the house
- EcoLogo^M, environmental choice

The benefits:

- Lower energy consumption
- Lower energy bills
- Healthier indoor environment
- Added protection against premature building deterioration
- Improved home comfort

BASF

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Raising Performance at Lower Costs

ENERTITE® can be applied over an exceptionally large area in a single workday with unsurpassed sealing performance. It is **faster to apply** than glass fiber or rigid insulation, which facilitates site scheduling and results in exceptional cost efficiency.

Training for High Performance

BASF Canada, with its Quality Assurance Training Program (QATP), Raising Performance To New Heights®, licenses and trains contractors who use certified and approved applicators to install ENERTITE® and WALLTITE® ***ECO***™. Only these highly trained, experienced and qualified applicators are approved to install the BASF insulation system. Extensive **annual training**, along with third party quality control inspections conducted by engineering firm Morrison Hershfield, ensure quality installation of BASF insulation products.

Meeting Higher Standards

Tests are performed on every job by certified applicators. The foam must be applied properly in accordance with CCMC standards to pass inspection. As a result, contractors and homeowners are assured of high quality installation.

New Heights of Eco-Efficiency

BASF adheres to the principles of sustainable development. Its Eco-efficiency Analysis tool is designed to optimize the economic and environmental performance of BASF's product portfolio.

Eco-efficiency analysis looks at the entire life cycle of a product, beginning with extraction of raw materials through to the disposal or recycling of the product. An "ecological fingerprint" provides a comparative analysis of the environmental performance of a product in six categories:

- Materials consumption
- Energy consumption
- Emissions to air, soil, and water
- Risk potential for misuse
- Toxicity potential
- Land use

Each of these categories embraces a wealth of detailed information obtained from BASF's in-house records and public databases.

BASF is a member of the Canada Green Building Council and U.S. Green Building Council and supports the Leadership in Energy and Environmental Design (LEED) rating system.

ENERTITE earned the EcoLogo™ environmental certification, one of the most widely recognized and respected multi-attribute environmental certifications in North America.

CHOIX ENVIRONNEMENTAL · ENVIRONMENTAL CHOICE

A Tight Grip on Energy Savings

ENERTITE provides a thermal resistance value of R-3.5/inch (RSI – 0.61 m^2•°C/W/25 mm), keeping your home comfortable and energy costs low.

ENERTITE's airtightness and high insulation value allow heating and cooling systems to perform to specifications, providing better indoor climate control.

Using ENERTITE in new construction or upgrades of existing homes may qualify builders or homeowners for savings through energy tax credits and incentive programs.

Top Marks for Energy Savings

In 2004, École Lafontaine, part of the Rivière du Nord School Board in Quebec, won an ENERGIA award from the AQME (Association québécoise pour la maîtrise de l'énergie) in the Institutional Building category, for energy management and efficiency. The 10,219 m^2 (110,000 sq. ft.) high school meets rigorous energy conservation criteria set by the Natural Resource Canada's Commercial Building Incentive Program (CBIP) while maintaining exceptional indoor air quality.

BASF insulation products used in the building

WALLTITE®	25 mm (1 inch) – exterior walls
ENERTITE®	152 mm (6 inches) – interior walls
Styropor®	roof

Energy profile

Annual energy savings	2,571 GJ (32%)*
Annual cost savings	$52,118
Payback period	4 years

énergia AQME

* Based on the Model National Energy Code for Buildings (MNECB).

Healthy Indoor Environment

ENERTITE delivers significant environmental benefits including lower energy consumption and a healthier home. Its formulation is water-based, ozone friendly and reduces greenhouse gas emissions by improving the energy performance of the house. ENERTITE meets the stringent requirements of the GREENGUARD Certification Program℠ and GREENGUARD Children and Schools℠ certification, thus ensuring optimal occupant comfort and safety.

ENERTITE®
PRODUCT BENEFITS

Reduced energy consumption	R-3.5/inch (RSI – 0.61 m^2•ºC/W/25 mm), ensures lower energy consumption, resulting in lower energy costs. (See “Top Marks for Energy Savings”).
Comfort	High insulation value enables heating, ventilation and cooling systems to perform to specification and keep occupants more comfortable.
Sound absorption	Excellent sound absorption enhances home comfort.
Health	Is not supporting fungal growth.**
Air barrier material	Provides gap-free, airtight.
Quality assurance	Tests performed on every job ensure high quality installation.
Versatility	Approved for residential, commercial and institutional use. Can be applied throughout the building including basements, crawl spaces and attics.
Indoor air quality	Extensive testing indicates that Indoor Air Quality is safe for occupancy after 24 hrs with a room ventilation rate of 0.3 air changes per hour as per the National Building Code. ENERTITE does not support fungal growth.
Sustainability	EcoLogo certified Eco-efficiency Analysis. Ozone friendly and reduces greenhouse gas emissions by improving the energy performance of the house.

** Result from test ASTM C 1338: Did not support fungal growth.

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ENERTITE®

ENERTITE® and WALLTITE® *ECO*™

Together…
The Intelligent Solution

Using ENERTITE and WALLTITE ***ECO*** together, as a complete interior/exterior insulation air barrier system, is an intelligent solution. Applying WALLTITE ***ECO*** exterior insulation/air barrier system and ENERTITE interior insulation will provide your home with optimum comfort and energy-efficiency.

Application of WALLTITE ***ECO*** and ENERTITE by a certified expert is fast and efficient. High quality installation is ensured by tests performed on every job and by the exceptionally high standards of BASF's quality control program, Raising Performance To New Heights®.

by BASF The Chemical Company

ENERTITE® Inside

ENERTITE is ideal for residential, commercial and institutional use.

It can be applied between studs in walls, ceilings and floors including basements, crawl spaces, attics, garages and cathedral ceilings.

WALLTITE® *ECO*™ Inside / Outside

In residential, institutional, commercial and industrial buildings, WALLTITE *ECO* can be applied onto the exterior wall to create a continuous monolithic insulated building envelope. It can also be applied over exterior side or interior side-wall foundations, between studs, regular or cathedral ceiling, floor, crawl space and in the attic.

WALLTITE *ECO* IS APPROVED FOR APPLICATION ON:

- Wood framing
- Metal facing (primer recommended)
- Gypsum board
- Masonry

The Chemical Company

BASF Canada, located in Mississauga, Ontario, is a subsidiary of BASF SE, and an affiliate of BASF Corporation. BASF Corporation, headquartered in Florham Park, New Jersey, is the North American affiliate of BASF SE, Ludwigshafen, Germany. BASF has approximately 16,000 employees in North America, and had sales of $13 billion (US) in 2009. For more information about BASF's North American operations, or to sign up to receive news releases by e-mail, visit www.basf.com/usa. To find out more about BASF's activities in Canada, visit www.basf.ca.

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