

## LEADERSHIP IN ENERGY AND ENVIRONMENTAL DESIGN (LEED®)

BASF Canada offers insulation/air barrier systems that can help your project attain points in the Canada Green Building Council's Leadership in Energy and Environmental Design (LEED®) green building rating system\*:

### WALLTITE® Eco v.3

#### EA Credit 1: Optimize Energy Performance (up to 10 points):

WALLTITE Eco provides superior insulation properties with virtual air impermeability for optimal energy efficiency.

#### MR Credit 4.1: Recycled Content:

WALLTITE Eco utilizes a material that contains over 40% recycled content. However, spray polyurethane foam insulation is made of two primary components that are combined together according to a specific ratio. As such, WALLTITE Eco as a finished insulation material contains greater than 5% recycled content by weight.

- 6.08% of this product is composed of pre-consumer (post industrial) recycled content by weight
- 0.60% of this product is composed of post consumer recycled content by weight

#### MR credit 5.1-5.2: Regional Materials

Spray applied polyurethane foam insulation is considered to be manufactured on site because the final product is not manufactured at a factory. The resin and isocyanate components of the product are shipped to the construction site where they are combined at an approximate 1 to 1 ratio to make WALLTITE Eco polyurethane foam insulation.

The isocyanate is manufactured in Louisiana, US and can be shipped by train to BASF facilities in Cornwall Ontario and then shipped by tanker truck to our insulation contractors. The isocyanate is also shipped in drums by truck directly to our customers in Ontario and Quebec.

The resin used to make WALLTITE Eco contains the following materials:

- Polyols, more than 70% of the resin– shipped via tanker truck from Texas
- Blowing agent, more than 10% of the resin– shipped via tanker truck from Illinois
- Fire retardant, less than 20% of the resin – shipped in bulk by truck from West Virginia
- Catalysts and surfactants, remaining difference – shipped in drums from New Jersey

#### RP Credit 1: Durable Building

WALLTITE Eco polyurethane foam is airtight, structurally sound, durable and repairable. It adds rigidity to walls and allows them to better withstand wind, mechanical and stack effect pressures without damage or displacement.

#### EQ Credit 4: Low Emitting Materials

WALLTITE Eco has received GREENGUARD Children & Schools<sup>SM</sup> certification for Indoor Air Quality, recognized by LEED.

#### EQ Credit 7.1: Thermal Comfort: Compliance

WALLTITE Eco allows the building envelope to be designed in such a way as to provide a thermally comfortable environment that supports the productivity and well-being of occupants.



## Leadership in Energy and Environmental Design (LEED®)

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Consult your LEED Accredited Professional

### **TECHNICAL ASSISTANCE**

For more detailed information, call:

#### **Eastern region**

Ontario, Quebec, Maritimes

Toll-Free: 1-866-474-3538

BASF Canada Inc.: [www.walltiteeco.com](http://www.walltiteeco.com)

#### **Western region**

British Columbia, Alberta, Saskatchewan, Manitoba,  
North Western Territories, Yukon, Nunavut

Toll-Free: 1-800-891-0671

WALLTITE and WALLTITE Eco are registered trade-mark of BASF Canada Inc.

All other products are trade-marks or registered trade-marks of their respective companies.

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Important! The information, data and products presented herein are based upon information reasonably available to BASF Canada at the time of publication, and are presented in good faith, but are not to be construed as guarantees or warranties, express or implied, regarding performance, results to be obtained from use, comprehensiveness, merchantability, or that said information, data or products can be used without infringing patents of third parties. You should thoroughly test any application and independently determine satisfactory performance before commercialization.

Warning! These products can be used to prepare a variety of polyurethane products. Polyurethanes are organic materials and must be considered combustible.

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Page 2 of 2