

LEED CERTIFICATION

The following is intended to show how Foametix® High Performance Insulation Products can be incorporated into a project in order to achieve LEED credits. Please consult with the LEED Accredited Professional on your project to determine if Foametix® can be used to gain additional LEED credits.

LEED Credit Category – Energy & Atmosphere

Prerequisite 2 – Minimum Energy Performance

Requires the building to comply with ASHRAE/IESNA Standard 90.1-2004 or the local energy code, whichever is more stringent.

- When Foametix® is installed into a structure, the foam insulation provides an envelope that will facilitate the design of an efficient system through the control of air loss/gain, moisture control, and thermal performance.

Credit 1 – Optimize Energy Performance

Requires a reduction in design energy cost compared to the energy cost budget.

- When Foametix® is installed into your structure, it provides the building with a sealed envelope, allowing the designer to downsize HVAC systems and supply the required ventilation. When Foametix® is used with a whole building concept, it can help achieve the 10 possible points.

LEED Credit Category – Materials & Resources

Credit 2 – Construction Waste Management

Requires recycling and/or salvaging construction, demolition and land clearing waste.

- Foametix® Insulation is installed exclusively by certified dealers who can apply only what is needed in each area, there is very minimal waste. Foametix® contributes a significantly lower amount of waste materials by weight, tremendously helping reach the 50% to 75% target for diverting waste from the landfill.

Credit 5.1–5.2 – Regional Materials

Requires use of building materials and products that are manufactured regionally within a radius of 500 miles of the project site.

- Foametix® products are manufactured in Cartersville, GA 30120.

Credit 6 – Rapidly Renewable Materials

Requires use of rapidly renewable products and materials (made from plants harvested within a ten-year cycle or shorter) for 2.5% of the total value of all building materials and products used in the project.

- Foametix® is manufactured with renewable castor oil which is a rapidly renewable product. Depending on the volume used in the structure being insulated, Foametix® can contribute a significant portion of the required 2.5% of rapidly renewable products and materials.

LEED Credit Category – Indoor Environmental Quality

Credit 4.1 – Low Emitting Materials: Adhesives & Sealants

Reduce the concentration of indoor air contaminants that are odorous, irritating and/or harmful to the comfort and well-being of installers and occupants.

- Foametix® utilizes water as a blowing agent, therefore falls below the 50 VOC g/L less water limit that is set for plastic foams. Foametix® products contain no VOCs and no off-gassing.

Credit 6.1 Controlling of Systems – Thermal Comfort

Credit 7.1 – Thermal Comfort

Requires a thermally comfortable environment and supports the productivity and well being of building occupants.

- Foametix® can help a building comply with ASHRAE Standard 55-2004 by insulating and air sealing the building, which allows for controlled ventilation strategies that enhance uniform temperatures, moisture control and reduction of pollutants.

LEED Credit Category – Innovation & Design Process

Credit 1 – Innovation in Design

Provides design teams and projects with an opportunity to be awarded points for exceptional performance above the requirements set by the LEED Green Building Rating System and/or innovative performance in Green Building categories not specifically addressed by the LEED Green Building Rating System.

- Foametix® high performance characteristics and flexible installation procedures contribute to this credit in several ways. Foametix® allows easy installation in areas that would normally pose challenges with the installation of conventional insulation products. Foametix® products are guaranteed to perform to the products' specifications for the life of the structure.

*** The above statements are intended to help the understanding of how Foametix® High Performance Insulation Products help achieve LEED certification. There is no such thing as a LEED Certified product or service. It is recommended that a complete review of the LEED Green Building Rating System be made prior to applying for the listed prerequisites and credits. The LEED System can be reviewed at www.usgbc.org.*