

LEED™ CERTIFICATION CORE FOAM MASONRY FOAM INSULATION® AND INSULSMART INTERIOR FOAM INSULATION®

LEED 2009 for Core & Shell Development Rating System provides a check list of design and material selection criteria intended to guide architects and building owners toward achieving LEED™ Certification under the United States Green Building Council's (USGBC) LEED™ Certification program.

Individual materials do not earn LEED™ credits. Assignment of earned LEED™ credits depends upon the whole of materials and their proportionate contribution to the total dollar cost value of all materials utilized within the Core & Shell of the structure.

cfiFOAM products, Core Foam Masonry Foam Insulation and InsulSmart Interior Foam Insulation, will help achieve the following LEED credits.

EA Credit 1 - Optimize Energy Performance - Points 1-21

Option 1 - Points: 3-21. Depends on result of Whole Building Energy Simulation.

Option 2 - Points: 1. Use ASHRAE Advanced Energy Design Guides as pathways to compliance.

Option 3 - Points: 1-3. Use Advanced Buildings™ Core Performance™ Guide as pathway to compliance.

MR Credit 1 - Building Reuse - Maintain Existing Walls, Floors & Roof - Points 1-5 - Building Reuse 25-75%
Foam can be injected to fill empty core cells of existing concrete and clay tile masonry and to fill cavities between masonry wythe to increase thermal efficiency and to cure condensate-based moisture deficiencies to allow up to 100% building reuse.

MR Credits 2.1 and 2.2 - Construction Waste Management - Points 1-2

Packaging is recyclable and may be claimed based upon percentage by weight contribution.

MR Credits 5.1 and 5.2 - Regional Materials - Points 1-2

Since Core Foam Masonry Foam Insulation and InsulSmart Interior Foam Insulation are manufactured at the job site with the local water supply, both finished products are regional materials.

There are 2 raw materials in Core Foam Masonry Foam Insulation and InsulSmart Interior Foam Insulation – foaming catalyst concentrate and powder resin. The foaming catalyst concentrate is generated in Knoxville, TN 37919 and the powder resin is imported from overseas.

Fully cured cfiFOAM foams emit less than 100 ppb VOC's.

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