



AEROFLEX USA, INC.

November 25, 2009

To All Concerned,

The interest in LEED Certified construction projects continues to grow. Several requests continue to come to Aeroflex USA, Inc. asking how we can help a building design achieve points toward the varying levels of LEED Certification. This document details how the use of Aerocel insulation products can provide credits to LEED Certified building projects, under the LEED-NC Green Building Rating System For New Construction & Major Renovations.

One of the common mistakes being made now, is the request for LEED Certified products. There is no such thing as LEED Certified products. Each product must stand on its own ability to provide some kind of benefit to the LEED Rating for a project. A product may qualify for more or fewer points contribution, depending on the project location.

Requirements and Credits that Aerocel helps in achieving is:

EA Prerequisite 2: Minimum Energy Performance Required

Intent

Establish the minimum level of energy efficiency for the proposed building and systems.

EA Credit 1: Optimize Energy Performance

1–10 Points

Intent

Achieve increasing levels of energy performance above the baseline in the prerequisite standard to reduce environmental and economic impacts associated with excessive energy use.

MR Credit 5.2: Regional Materials: 20% Extracted, Processed & Manufactured Regionally

1 Point in addition to MR Credit 5.1

Intent

Increase demand for building materials and products that are extracted and manufactured within the region, thereby supporting the use of indigenous resources and reducing the environmental impacts resulting from transportation.

This credit only applies to projects that are located within 500 miles of Sweetwater, TN where Aerocel insulation products are manufactured.

LEED 2009 for Schools New Construction and Major Renovations:

CREDIT 4.6: Ceiling and Wall Systems (1 point)

All gypsum board, **insulation**, acoustical ceiling systems and wall coverings installed in the building interior must meet the testing and product requirements of the California Department of Health Services Standard Practice for the Testing of Volatile Organic Emissions from Various Sources Using Small-Scale Environmental Chambers, including 2004 Addenda.

If there is any further clarification needed, please contact me.

Regards,

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