westcoat
SPECIALTY COATING SYSTEMS
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MADE IN USA
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LEED Information

(Leadership in Energy and Environmental Design)
February 13, 2012

What is LEED? – LEED is a third party organization, developed by the U.S. Green Building Council that provides a set of standards for environmentally friendly building design, construction, and facility operations.

Why the interest? Many factors have contributed to the increasing demand for LEED certified buildings.

1. Over the past decade there has been a growing interest in transforming the building industry to protect the environment, conserve resources, and increase operating efficiency throughout a buildings life cycle.

2. Many states and local municipalities are offering tax benefits on buildings that comply with specific LEED standards.

3. LEED certified buildings typically go above and beyond code requirements to improve water and energy efficiency.

4. LEED certified buildings often provide healthier work and living environments, which contributes to higher productivity and improved employee health and comfort.

How are buildings evaluated to achieve LEED certification? There are various categories in which LEED points can be earned. The project management team uploads supporting documentation to a LEED online database for third party verification. The uploaded documents and data are reviewed to determine whether the specific criteria is met and whether points should be awarded. The building will obtain a certain LEED classification based on the number of points the project achieves.

LEED categories include:

Sustainable Sites is aimed at reducing the overall environmental impact on the land that the building inhabits. This category aims to minimize construction related pollution and reduce negative environmental impact.

Water Efficiency is focused on conserving the potable water supply. Points can be earned through the use of efficient appliances and fixtures to reduce the amount of water consumption. Water efficient landscaping also contributes to the accumulation of points.

Energy & Atmosphere is intended to encourage using renewable sources of energy, efficient lighting, monitoring energy use, and other innovative measures.

Materials and Resources is aimed at encouraging the selection of sustainably grown, harvested, produced and transported products and materials. It promotes the reducing of waste as well as reuse and recycling.

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Indoor Environmental Quality is focused on using natural daylight and other innovative techniques to promote indoor air quality. Insuring that there are minimal levels of Carbon Dioxide or other Volatile Organic Compounds (VOC's) in the atmosphere.

Innovative In Design is designed for providing bonus points for innovative design and strategies that go above and beyond LEED standards, or accounting for green building practices that aren't covered in the LEED program.

Regional Priority Buildings can be awarded extra points if they address the most prevalent environmental concern for its specific location.

How can Westcoat contribute to LEED? Many Westcoat products and systems can contribute to the accumulation of LEED credits. Listed below are credit categories where the use of Westcoat could potentially contribute. All credit categories and specific requirements can be found in the "LEED 2009 New construction and Major Renovations Manual".

Direct Impact
IEQ Credit 4.1: Low-Emitting Materials - Adhesives and Sealants
IEQ Credit 4.2: Low-Emitting Materials - Paints and Coatings
IEQ Credit 4.3: Low-Emitting Materials - Flooring Systems
MR Credit 4: Recycled Content

Indirect Impact
SS Credit 7.1: Heat-Island Effect Nonroof
SS Credit 7.1: Heat-Island Effect Roof
MR Credit 1.1: Building Reuse-Maintain Existing Walls, Floors and Roof
MR Credit 1.2: Building Reuse-Maintain Interior Nonstructural Elements
ID Credit 1: Innovation in Design