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LEED™ & EPDM Roofing

LEED (Leadership in Energy and Environmental Design)
Green Building Rating System®

LEED Roofing Standards:

LEED for New Construction and Major Renovation (LEED-NC)

The present active standard is LEED 2.1 with LEED-NC v2.2 in draft review. LEED-NC was the original standard and focuses on guiding the owner, architect and contractor in the green construction of new buildings or major renovation to existing buildings.

LEED Green Building Rating System for Existing Building (LEED-EB)

LEED EB makes LEED certification available to existing buildings and provides an opportunity for ongoing re-certification of previously certified LEED buildings. LEED-EB helps building owners and managers bring the performance of their buildings up to a high level and maintain high performance over the long term.

Core and Shell Development (LEED-CS)

Broadly defined, core and shell construction covers base building elements, such as the structure, envelope and building-level systems, allowing the developer to LEED certify a structure independent of the tenant who may occupy a unit in the structure.

LEED mostly sets performance-based requirements that the LEED practitioners must meet by identifying products that have the desired attributes. Some LEED points will require that certain limits or minimums be met while other points will necessitate gathering specific product data into a spreadsheet in order to calculate the aggregate environmental or health value of a set of products.

* Templates for reporting can be found online at www.usgbc.org - under the LEED information area.

EPDM: the roofing system of choice for LEED

Although not defined in the LEED standards, the key is **SUSTAINABILITY** which is viewed as long-term performance at a reasonable cost. EPDM roofing systems are proven in both application and function with published studies defining this long-term performance. This makes EPDM a logical consideration for LEED or for that matter any performance-based sustainability guideline.

EPDM was the roofing system of choice for LEED's first (and, so far, only) manufacturing plant certification at the Steelcase plant in Grand Rapids, MI. Information about this project and others, as well as for specifications and benefits of EPDM roofing can be found at www.epdmroofs.org.

LEED™ is a registered trademark of the US Green Building Council

- Developed by the U.S. Green Building Council to provide **national standards** for what constitutes a "green building"
- A voluntary standard for designing and constructing **energy efficient and environmentally friendly buildings**
- Promote the "whole-building design" concept where all components are factored together to achieve project optimization by using **performance attributes** of one system to complement another system
- Affords **maximum performance with minimal environmental impact** while adding little or **no cost increase** to the project
- Provides a framework for **assessing potential building performance and striving to meet sustainability goals**
- Quickly becoming the **established baseline design** for new buildings (even if a project does not go for LEED Certification)

FOR MORE INFORMATION, CONTACT:

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