



LEADERSHIP IN ENERGY AND ENVIRONMENTAL DESIGN

LEED is a program of the U.S. Green Building Council (USGBC) and the most widely recognized standard worldwide for sustainable, high-performance, low-energy-use buildings. The USGBC is a nonprofit organization, founded in the words of its mission statement, "To transform the way buildings and communities are designed, built and operated, enabling an environmentally and socially responsible, healthy, and prosperous environment that improves the quality of life."

A steering committee of the USGBC developed the Leadership in Energy and Environmental Design (LEED) Green Building Rating System™ to provide universally understood and accepted tools and performance criteria that encourage and accelerate global adoption of sustainable green building and development practices. LEED encourages construction practices that meet specified standards, resolving much of the negative impact of buildings on their occupants and on the environment.

In just eight years this rating system has truly changed the market and how architects practice. As of May 1, 2008, 3.5+ billion square feet of building projects (10,000+ individual projects) have registered intent to seek LEED certification, with dozens more signing up every day.

THE LEED RATING SYSTEM

The initial LEED rating systems were for six types of projects, specific to various building types or building projects: New Construction & Major Renovations, Existing Buildings, Commercial Interiors, Residential, Core & Shell, and Multiple Buildings. Today there are several other rating systems, for Neighborhood Development, Schools, Retail, and Healthcare. The one most commonly used is LEED-NC: New Construction & Major Renovations.

There are four levels of LEED recognition:

Certified	26-32 points	Silver	33-38 points
Gold	39-51 points	Platinum	52-69 points

Which are reached through the point system using a LEED score card. Scores are tallied for different aspects of efficiency and design in six categories:

1. Sustainable Sites
2. Water Efficiency
3. Energy & Atmosphere
4. Materials & Resources
5. Indoor Environmental Quality
6. Innovation & Design Process



US TILE LEED QUALIFYING POINT OPPORTUNITIES

US Tile clay roofing products meet the requirements for a wide variety of LEED point credits. Our products can be used to earn LEEDS points for construction projects in a wide range of areas throughout the United States. Points may vary based on the location, type of building, colors and products used. Please visit our web site www.ustile.com for more details regarding LEED point credits, Cool Roof products, or any other technical information you may need for the planning of your project.

Heat Island Effect - Sustainable Site Credit 7.1 and 7.2: (1 point each)

Reduce heat island to minimize impact on microclimate and human and wildlife habitat.

- SSc7.1 — Place a minimum of 50% of parking under cover. Any roof used to shade or cover parking must have an SRI of at least 29
- SSc7.2 — Use roofing material with a SRI of 29 on steep sloped roofs

Optimize Energy Performance - Energy & Atmosphere Credit: (1-10 points)

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

- Perform whole-building energy simulation

Recycled Content - Materials and Resources (MR) Credit 4.1 and 4.2: (1 point each)

Building products that incorporate recycled content materials to increase impact associated with extracting and processing virgin materials.

- 4.1 - Use material with recycled content. The sum of post-consumer recycled content plus 1/2 of the pre-consumer recycled content must constitute an additional 10% of the total value of the materials in the project.
- 4.2 - Use material with recycled content such that the sum of post-consumer recycled content plus 1/2 of the pre-consumer content constitutes an additional 10% beyond MR Credit 4.1

Regional Materials - Materials and Resources Credit 5.1 and 5.2: (1 point each)

Use of building materials and products that are extracted and manufactured within the region, supporting the use on indigenous resources and reducing the environmental impact resulting from transportation.

- 5.1 - Use building materials or products that have been extracted, harvested and recovered, as well as manufactured, within 500 miles of the project site for a minimum of 10% (based on cost) of the total material value.
- 5.2 - Use building materials or products that have been extracted, harvested and recovered, as well as manufactured, within 500 miles of the project site for an additional 10% beyond MR Credit 5.1 (based on cost) of the total material value.

Design - Innovation in Design Credit 1.1 - 1.4: (1- 4 points)

Design teams and projects have the opportunity to be awarded points for exceptional performance above the requirements set by the LEED-NC Green Building System and/or innovative performance in Green Building categories not specifically addressed by the LEED-NC Green Building Rating System.

- Strategy could include; Acoustic Comfort, Clean potable water, Additional reduction in heat penetration, Clay tiles used in conjunction with Ecoset, or Venting.

Design - Innovation in Design Special Credit - Cradle to Cradle: (1 point)

A special LEED point for innovative design has been awarded for products that meet Cradle to Cradle sustainability standards by the USGBC.

- A special LEED point will be awarded to any project who's Cradle to Cradle certified products make up 2.5% of the overall material cost of the building.