

LEED® is an acronym for Leadership in Energy and Environmental Design. It is a program developed by the US Green Buildings Council (USGBC) and has gained widespread support in the commercial and institutional marketplace. For more information on the USGBC, you may want to visit their Internet web site @ www.usgbc.org. The purpose of this informational sheet is to overview the LEED® program and identify areas where American Olean products can support a building project's effort to obtain LEED® Certification.

In October 2005, the USGBC published the latest Version 2.2 of their LEED® Program. LEED® can be applied to every building type and phase of a building lifecycle. Specific programs exist for the following types of projects: New commercial construction and major renovation projects; Existing building operations and maintenance; Commercial interiors projects; Core and shell development projects; Homes; and Neighborhood Development.

Inquiries as to how American Olean products can help a project's efforts to obtain certification are usually for new construction of commercial, institutional, and high-rise residential buildings. In this program, a qualifying project can receive LEED® Certification in four different levels depending on how many "points" they achieve. In the latest Version 2.2 LEED® Survey, there are six separate categories encompassing a total of 69 possible points.

Innovation & Design Process -	5 points
Sustainable Sites -	14 points
Water Efficiency -	5 points
Energy and Atmosphere -	17 points
Materials and Resources -	13 points
Indoor Environmental Quality -	15 points

The four-certification levels are:	Certified	26 - 32
	Silver	33 - 38
	Gold	39 - 51
	Platinum	52 +

The areas where American Olean, as a supplier of ceramic tile and installation products, can directly impact the project's point total, is in the categories of Materials & Resources and Indoor Environmental Quality. More specifically, there are potentially anywhere from one to six points available based on (1) the volume of recycled material content and (2) the location where the product is manufactured (i.e. proximity to construction site). The LEED® credit points most applicable to our products are as follows.

Indoor Environmental Quality

IEQ Credit 4.1 (1 point) All adhesives and sealants used on the interior of the building (defined as inside of the weatherproofing system and applied on-site) shall comply with the requirements of the following reference standards:

- Adhesives, Sealants and Sealant Primers: South Coast Air Quality Management District (SCAQMD) Rule #1168. VOC limits correspond to an effective date of July 1, 2005 and rule amendment date of January 7, 2005.

IEQ Credit 4.2 (1 point) Paints and coatings used on the interior of the building (defined as inside of the weatherproofing system and applied on-site) shall comply with the following criteria:

- Architectural paints, coatings and primers applied to interior walls and ceilings: Do not exceed the VOC content limits established in Green Seal Standard GS-11, Paints, First Edition, May 20, 1993.
 - o Flats: 50 g/L
 - o Non-Flats: 150 g/L.

Materials & Resources

M&R Credit 4.1 (1 point) Use materials with recycled content such that the sum of post-consumer recycled content plus one-half of the pre-consumer content constitutes at least 10% (based on cost) of the total value of the materials in the project.

M&R Credit 4.2 (1 point) Use materials with recycled content such that the sum of post-consumer recycled content plus one-half of the pre-consumer content constitutes an additional 10% beyond MR Credit 4.1 (total of 20%, based on cost) of the total value of the materials in the project.

M&R Credit 5.1 (1 point) Use building materials or products that have been extracted, harvested or recovered, as well as manufactured, within 500 miles of the project site for a minimum of 10% (based on cost) of the total materials value. If only a fraction of a product or material is extracted/harvested/recovered and manufactured locally, then only that percentage (by weight) shall contribute to the regional value.

M&R Credit 5.2 (1 point) Use building materials or products that have been extracted, harvested or recovered, as well as manufactured, within 500 miles of the project site for an additional 10% beyond MR Credit 5.1 (total of 20%, based on cost) of the total materials value. If only a fraction of the material is extracted, harvested, recovered and/or manufactured locally, then only that percentage (by weight) shall contribute to the regional value.

To calculate your projects LEED value please visit http://americanlean.com/leed_series.cfm?series=140 to utilize their LEED calculator.