

LEED CONTRIBUTION



What is LEED ?

- LEED – is the nationally accredited benchmark developed by USGBC (United States Green Building Council) and is voluntary.
- LEED – Leadership in Energy and Environmental Design. LEED promotes a **whole building** approach to sustainability in seven (7) key areas:
 - Sustainable Site Development
 - Water Savings
 - Energy Efficiency
 - Materials Selection
 - Indoor Environmental Quality
 - Innovation in Design
 - Regional Priority

To qualify a **project** must meet certain prerequisites and performance benchmarks (credits) within each category.

What is LEED ?

- Projects can be Certified, Silver, Gold or Platinum depending on credits achieved.
- LEED currently has certification programs for the following:
 - LEED for New Construction – V3
 - LEED for Core & Shell
 - LEED for Schools
 - LEED for Healthcare*
 - LEED for Retail*
 - LEED for Commercial Interiors
 - LEED for Retail Interiors*
 - LEED for Existing Buildings
 - LEED for Existing Schools*
- * Under Development or in Pilot
- LEED 2009-Advancements to the Rating System
- LEED Online-Faster, Smarter & Better User Experience
- CERTIFICATION MODEL-GBCI & Certification Bodies = LEED V3

GBCI (Green Building Certification Institute) –
Handling Project Registration–June 27, 2009

Product Manufacturer's & Service Providers

USGBC does not certify, promote or endorse products or services of individual companies.



LEED for New Construction & Major Renovations

The LEED-NC Rating System is applicable to new commercial construction and major renovation projects

MR CREDIT 4: Recycled Content (1-2 Points)

INTENT

To increase demand for building products that incorporate recycled content materials, thereby reducing impacts resulting from extraction and processing of virgin materials.

REQUIREMENTS

Use materials with recycled content such that the sum of post consumer recycled content plus ½ of the preconsumer content constitutes at least 10% or 20%, based on cost, of the total value of the materials in the project.

The minimum percentage materials recycled for each point threshold is as follows:

The recycled content value of a material assembly is determined by weight. The recycled fraction of the assembly is then multiplied by the cost of assembly to determine the recycled content value.

RECYCLED CONTENT	POINTS
10%	1
20%	2

LEED for New Construction & Major Renovations

IEQ CREDIT 4.1:

Low Emitting Materials-Adhesives and Sealants (1 Point)

INTENT

To reduce the quantity of indoor air contaminants that are odorous, irritating and/or harmful to the comfort and well being of installers and occupants.

REQUIREMENTS

All adhesives and sealants on the interior of the building (defined as inside of the weatherproofing system and applied on-site) shall comply with the requirements and standards of South Coast Air Quality Management District (SCAQMD) Rule # 1168

LEED for Commercial Interiors – LEED-CI

The LEED-CI Rating System is applicable to tenant improvements of new or existing office space

- LEED 2009 for Commercial Interiors addresses the specifics of tenant spaces primarily in the office, retail and institutional buildings. Tenants who lease their space or do not occupy the entire building are eligible.
- Designed to work hand in hand with the LEED for Core & Shell Certification system.
- LEED for Core & Shell is used by developers to certify the core and shell of a project; it prepares the building for environmentally conscious tenants

LEED for Commercial Interiors – LEED-CI

MR Credit 4: Recycled Content (1-2 Points)

INTENT

To increase demand for building products that incorporate recycled content materials, thereby reducing impacts resulting from extraction and processing of virgin materials.

REQUIREMENTS

Use materials, including furniture and furnishings, with recycled content such that the sum of post consumer recycled content plus ½ of the preconsumer content constitutes at least 10% or 20% based on cost of the total value of the materials in the project.

The minimum percentage materials recycled for each point threshold is as follows:

The recycled content value of a material or furnishing is determined by weight. The recycled fraction of the assembly is then multiplied by the cost of the assembly to determine its recycled content value.

RECYCLED CONTENT	POINTS
10%	1
20%	2

LEED for Commercial Interiors – LEED-CI

MR CREDIT 5: Regional Materials (1-2 Points)

INTENT

To increase demand for building materials and products that are extracted and manufactured within the region, thereby supporting the regional economy and reducing the environmental impacts resulting from transportation.

REQUIREMENTS

OPTION 1 (1 Point)

Use a minimum of 20% of the combined value of Construction and Division 12 (furniture) materials and products that are manufactured regionally within a radius of 500 miles.

OR

OPTION 2 (2 Points) Meet the requirements for Option 1

Use a minimum of 10% of the combined value of construction and Division 12 (furniture) materials and products extracted, harvested or recovered, as well as manufactured, within 500 miles of the project.

LEED for Commercial Interiors – LEED-CI

IEQ Credit 4.1:

Low-Emitting Materials-Adhesive and Sealants (1 Point)

INTENT

Reduce the quantity of indoor air contaminants that are odorous, potentially irritating and/or harmful to the comfort and well being of installers and occupants.

REQUIREMENTS

All adhesives and sealants on the interior of the building (defined as inside the weatherproofing system and applied on-site) shall comply with the requirements and standards of South Coast Air Quality Management District (SCAQMD) Rule # 1168

LEED Reference Guide

LEED for NEW Construction – LEED-NC

CATEGORY	POINT VALUE	INTENT	REQUIREMENT	STRATEGY
LEED-NC Environmental Quality EQ 4.1	1 Point	Reduce the quantity of indoor contaminants that are odorous, irritating and or harmful to the comfort and well being of installers and occupants	All adhesives & sealants must meet SCAQMD Rule # 1168	Specify Low VOC materials in construction documents. Ensure that VOC limits are clearly stated in each section.
LEED-NC Materials & Resources MR 4	1-2 Points	Increase demand for building products that incorporate recycled content	Use 10-20% of the total value of the materials in the project that contain recycled content	Establish a project goal for recycled content. During construction ensure that the specified products are installed.

LEED Reference Guide

LEED for Commercial Interiors – LEED-CI

CATEGORY	POINT VALUE	INTENT	REQUIREMENT	STRATEGY
LEED-CI Environmental Quality EQ 4.1	1 point	Reduce the quantity of indoor air contaminants	All adhesives to meet SCAQMD Rule # 1168	Specify low VOC materials in construction documents.
LEED-CI Materials & Resources MR 4	1-2 Points	Use recycled materials	10-20% of materials incorporate recycled content	Establish a recycled products goal. Insure materials get installed.
LEED-CI Materials & Resources MR 5	1-2 Points	Increase use of Regionally manufactured materials and products	20% combined construction value and 10% extracted, harvested, processed	