



This document briefly explains the LEED® program and how AKRITAS' wood-based products contribute positive in its rating system.

adoption of practices for sustainable and green buildings internationally through the creation and implementation of benchmarks.

The Leadership in Energy and Environment Design program (LEED®), created by the U.S. Green Building Council (USGBC), piloted in 1998, is the preeminent program for the design, construction, maintenance and operations of high-performance green buildings. Encourages and accelerates the

From individual buildings and homes to entire neighborhoods and communities, LEED® is transforming the way buildings are designed, built and operated in more than 140 countries. Based on the total scores achieved, a project is ranked in one of four LEED® scoring levels:



Certified
40-49
points earned



Silver
50-59
points earned



Gold
60-79
points earned

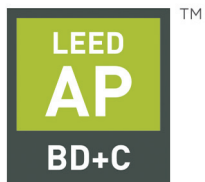


Platinum
80+
points earned

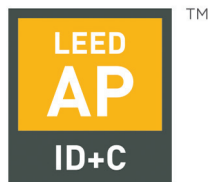


There are six rating systems for different types of projects.

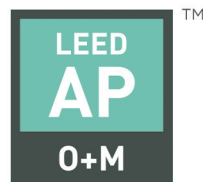
LEED® Rating Systems



Building Design +
Construction (BD+C)



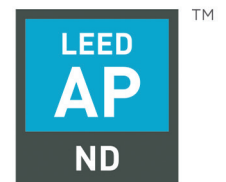
Interior Design +
Construction (ID+C)



Operations +
Maintenance (O+M)



Residential



Cities and
Communities

EACH RATING SYSTEM CONSISTS OF A COMBINATION OF CREDIT CATEGORIES.

Credit Categories



Integrative Process (IP)



Location and transportation (LT)



Sustainable Sites (SS)



Water Efficiency (WE)



Energy and Atmosphere (EA)



Materials and Resources (MR)



Indoor Environmental Quality (EQ)



Innovation (IN)



Regional Priority (RP)

Each credit category includes specific prerequisites that a project must satisfy in order to earn points.

AKRITAS & LEED®

The following is an indication of how AKRITAS' products can contribute to the LEED® BD + C (Building design and Construction) rating system through the *Materials and Resources (MR)* and *Indoor Environmental Quality (EQ)* credit categories.

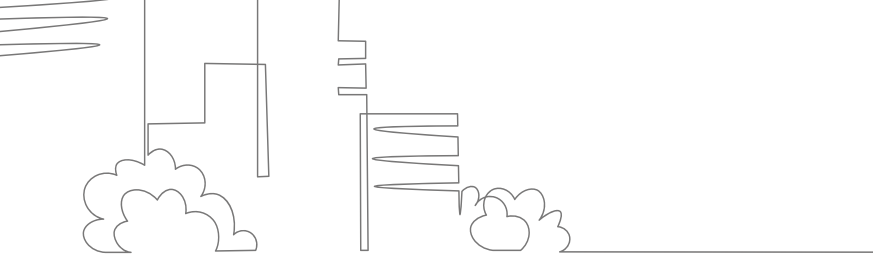
The LEED® BD + C (Building design and Construction) rating system concerns the design and construction phase of a new

building or a radically renovated building.

It is important to note that the LEED® aims buildings certification and not materials.

AKRITA'S products will not be subject to certification on but will contribute positively to the score of LEED® projects.

Rating system	BUILDING DESIGN + CONSTRUCTION (BD+C)		
Credit category	Materials and Resources (MR)		Indoor Environmental Quality (EQ)
Criteria Prerequisites	ENVIRONMENTAL PRODUCT DECLARATIONS (EPD)	SOURCING OF RAW MATERIALS	LOW-EMITTING MATERIALS
Intent	To encourage the use of products and materials for which life-cycle information is available and that have environmentally, economically, and socially preferable life-cycle impacts.		Reduce the concentrations of chemical pollutants that can harm air quality and the environment. Protection of the health, productivity and comfort of the installers and users of the building.
	To reward project teams for selecting products from manufacturers who have verified improved environmental life-cycle impacts.	To reward project teams for selecting products verified to have been extracted or sourced in a responsible manner.	
Requirements	Environmental product declaration (EPD) (1 point)	Sourcing of Raw Materials (1-2 points)	Formaldehyde emissions evaluation (1 point)
This credit applies to	<ul style="list-style-type: none"> • New Construction • Commercial buildings • Schools • Data Centers • Healthcare • Hospitality • Warehouses & Distribution Centers 		



ENVIRONMENTAL PRODUCT DECLARATIONS (EPD)

The Environmental Product Declaration (EPD) is a complete reference, in accordance with the international standards ISO 14025 and EN 15804 or ISO 21930 that documents the impact of a product on the environment, throughout its life. These effects are assessed according to standard life cycle analysis (LCA) methods: from the receipt of the raw materials, their transport to the production plant, the production cycle, the packaging, the waste, to the transport of the final product to the consumer and its final disposal.

SOURCING OF RAW MATERIALS

Wood-based products

Wood-based products must be certified by the Forest Stewardship Council® or USGBC-approved equivalent. Products meeting Wood-based products criteria are valued at 100% of their cost for the purposes of credit achievement calculation.

Recycled content

Products meeting recycled content criteria are valued at 100% of their cost for the purposes of credit achievement calculation.

- Recycled content is the sum of postconsumer recycled content plus one-half the preconsumer recycled content, based on cost.
- The recycled 'part' of the set is multiplied by the cost of the set to determine the price of the recycled product.

For credit achievement calculation, products sourced (extracted, manufactured and purchased) within 100 miles (160 km) of the project site are valued at twice their base contributing cost, up to a maximum of 200% of cost.

LOW-EMITTING MATERIALS

Composite Wood

At least 75% of all composite wood, by cost or surface area, meets the Formaldehyde emissions evaluation or salvaged and reused materials criteria.

Formaldehyde emission evaluation

Products must be Certified as Ultra-Low-Emitting Formaldehyde (ULEF) product under EPA Toxic Substances Control Act, Formaldehyde Emission Standards for Composite Wood Products (TSCA, Title VI) (EPA TSCA Title VI) or California Air Resources Board (CARB) Airborne Toxic Control Measure (ATCM).

AKRITAS PRODUCTS - SUMMARY OF CRITERIA FOR ACQUISITION OF LEED® POINTS:

- **Environmental Product Declaration (EPD)**
- **FSC Certified Wood Products**
- **Recycled content**

Post-Consumer Recycled Content: *Recovered consumer waste used as raw material (eg municipal wood waste from commercial and domestic activities, etc.).*

Pre-Consumer Recycled Content: *Recovered solid industrial wood waste that is reused in the production process as a raw material (eg wood chips discarded by cross-section sorting).*

- **Regional Materials:** *Use building materials or products that have been extracted, manufactured, and purchased within 160km of the project site.*
- **REACH OPTIMIZATION:** *None of the high-risk SVHC substances contained in AKRITAS products exceed the concentration limits as defined in the SVHC list and in Annexes 14 and 17 of the REACH European Regulation.*
- **Low emitting materials:** *Very low formaldehyde products - CARB Phase 2 Certification and TSCA title VI.*

LEED®, and its related logo, is a trademark owned by the U.S. Green Building Council® and is used with permission.