

LEED - New Construction

Leadership in Energy and Environmental Design

Leadership in Energy and Environmental Design (LEED) is a third-party certification program and the nationally accepted benchmark for the design, construction and operation of high performance green buildings developed by the U.S. Green Building Council. LEED promotes a whole-building approach to sustainability by recognizing performance in five key areas: sustainable site development, water savings, energy efficiency, materials selection and indoor environmental quality. In order for a building to become LEED certified it must meet certain prerequisites and qualify for rating points available in six categories. NuCedar products contribute to the LEED NC (new construction) categories below.

Certification Opportunities	Applicable LEED Category	Potential Points	Related NuCedar Attributes:
Sustainable Sites	7.1 Heat Island Effect, Non-Roof Reduce heat islands (thermal gradient differences between developed and undeveloped areas) to minimize impact	1	*Solar-reflective coating matches performance of ENERGY STAR rated Cool Roof materials according to Dept. of Energy study (Oak Ridge Laboratory)
Energy & Atmosphere	1 Optimize Energy Performance Achieve increasing levels of energy performance above the baseline in the prerequisite standard to reduce environmental and economic impacts associated with excessive energy	1-10	*Solar-reflective siding and trim can be built into building design to maximize energy performance (as much as 10% savings on cooling energy requirements in southern regions of the U.S.)
Materials & Resources	2.1, 2.2 Construction Waste Management Divert construction, demolition and land-clearing debris from disposal in landfills and incinerators. Redirect recyclable recovered resources back to the manufacturing process. Redirect reusable materials to appropriate sites.	2	*Less waste during installation because of length of boards and consistency of product *Exterior envelope constitutes large area requiring large amount of material
	4.1 Recycled Content: 10% (post-consumer + 1/2 pre-consumer) 4.2: Recycled Content: 20% (post-consumer + 1/2 pre-consumer) Increase demand for building products that incorporate recycled content materials, thereby reducing impacts resulting from extraction and processing of virgin materials.	2	*Minimum 20% pre-consumer recycled content in all siding and trim *100% recyclable
Indoor Environmental Quality	7.1: Thermal Comfort: Design Provide a comfortable thermal environment that supports the productivity and well-being of building occupants.	1	*Solar-reflective siding and trim can be built into building design to maximize energy performance (as much as 10% savings on cooling energy requirements in southern regions of the U.S.).
	7.2: Thermal Comfort: Verification Provide for the assessment of building thermal comfort over time.	1	
Innovation & Design	1.1 Innovation in Design To provide design teams and projects the opportunity to be awarded points for exceptional performance above the requirements set by the LEED for New Construction Green Building Rating	4	*Solar-reflective siding and trim can be built into building design to maximize energy performance (as much as 10% savings on cooling energy requirements in southern regions of the U.S.)

*Based on LEED for New Construction version 2.2

The Look That Lasts

NuCedar exterior cladding products accurately replicate the past's aesthetics, while delivering the future's durability. Milled from EX-Cel® cellular PVC, the same material that has become highly popular in exterior trim, NuCedar offers a complete line of products including: NuCedar Shingles, Board & Batten, Channel Rustic, Shiplap, Classic Clapboard®, Trim and Mouldings.

A World of Colors

Having your home the color you want is easier than ever. NuCedar siding and trim products are pre-finished with a water-based coating from PPG®. This coating bonds to the cellular PVC substrate and offers solar-reflective qualities, which can reduce cooling costs. This process provides the most durable finish on the market, ensuring your home will look great for years to come.

The Better Warranty

NuCedar's 25 Year transferable warranty is one of the best in the business. For information visit www.jainbuildingproducts.com

*see latest warranty for complete details



Toll Free: 866.393.8883

www.jainbuildingproducts.com