



LEED v2.2 / v3.0 VERIFICATION DOCUMENT

This letter, written by a third party LEED Accredited Professional, verifies that the **CrystalLite skylights, overhead glazing, and sunrooms** can help project teams achieve **LEED® Certification**. **These products always satisfy two LEED prerequisites and always facilitates the achievement of 1-17 LEED credits under the LEED for New Construction and Major Renovation (version 2.2) system; and 1-27 LEED credits under the LEED for New Construction and Major Renovation (version 3.0) system.**

The following chart describes the specific LEED (environmental) features of these products.

Environmental Feature	LEED v2.2		LEED v3.0	
	Credit	Points	Credit	Points
Energy Code Compliance	EA Prerequisite 2	Prerequisite	EA Prerequisite 2	Prerequisite
Energy Efficiency	EA Credit 1	1-10	EA Credit 1	1-19
Recycled Content	MR Credit 4.1	1-2	MR Credit 4.1	1-2
Regional Materials	MR Credit 5.1	1-2	MR Credit 5.1	1-2
Ventilation Code Compliance	IEQ Prerequisite 1	Prerequisite	IEQ Prerequisite 1	Prerequisite
Improved Air Quality	IEQ Credit 1	1	IEQ Credit 1	1
Improved Amount of Daylight	IEQ Credit 8.1	1-2	IEQ Credit 8.1	1-2
Improved Views to the Outside	IEQ Credit 8.2	1	IEQ Credit 8.2	1

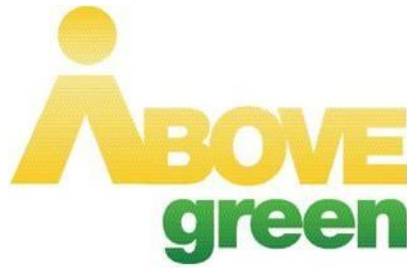
This product has been reviewed by a third party **LEED Accredited Professional**. If you have any inquiries about how these products qualify for LEED Certification Credits then please feel free to contact us.

Further details about the green features of the CrystalLite product are listed on page two of this brochure.

Thank You and My Best,

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ENVIRONMENTAL FEATURE DETAILS AND DEFINITIONS

Energy Code Compliance

Buildings seeking LEED Certification must meet or exceed the ASHRAE 90.1 Standard for energy performance. Crystalite skylights, overhead glazing, and sunrooms are NFRC certified and rated; and have been tested and verified for air infiltration, water penetration, and structural loading exceeding the prescribed criteria as outlined by ASHRAE 90.1. Unit skylights are certified by the National Accreditation & Management Institute (NAMI) to the NAFS Standard (AAMA/WDMA/CSA 101/I.S. 2/A440). Crystalite field glazed systems have been tested by an AAMA/ISO accredited test laboratory and verified by an independent structural engineer.

Energy Efficiency

Optimizing energy performance results in lowering operating costs (thus saving money for the building owner), and this use of less energy means using less environmental resources. Crystalite skylights, overhead glazing, and sunrooms make buildings more energy efficient by delivering natural lighting and, when utilizing opening skylights, deliver natural ventilation to indoor spaces. More daylight and natural ventilation results in less use of electrical and mechanical systems; and the use of less electromechanical systems results in better energy performance.

Recycled Content

Using materials containing recycled content is intelligent and resourceful. The use of recycled materials reduces waste and reducing waste helps the environment. Crystalite skylights, overhead glazing, and sunrooms are manufactured with pre and post consumer recycled aluminum and glass material content.

Regional Materials

Buying locally manufactured products reduces environmental pollution associated with transportation. Crystalite skylights, overhead glazing, and sunrooms are manufactured in the state of Washington. The majority of the materials for these products are extracted, sourced, and produced within 500 miles of Crystalite's manufacturing plant in Everett.

Ventilation Code Compliance and Improved Ventilation Quality

Buildings seeking LEED must comply with ASHRAE Standard 62.1 – Ventilation for Acceptable Indoor Air Quality. Manual and mechanical operators are available for Crystalite skylights, overhead glazing, and sunrooms. Operable products facilitate ventilation code compliance, increase the natural ventilation for indoor spaces, and reduce energy costs – all of which positively impact the environment.

Improved Amount of Daylight and Improved Views to the Outside

The amount of daylight and views in a space directly impacts occupant comfort. Daylighting an interior space and giving the interior space a connection to the outdoor environment makes occupants feel better and thus enhances occupant comfort and improves human performance. Designing spaces to have more daylighting also reduces reliance on electromechanical systems, thus saving costs and reducing environmental impacts associated with energy use. Crystalite sunrooms and vertical wall systems are your clear choice for providing optimal views to the outside environment.