

LUNA QUARTZ

LUNAQUARTZ & LEED CERTIFICATION

A guide to LEED certification and LunaQuartz

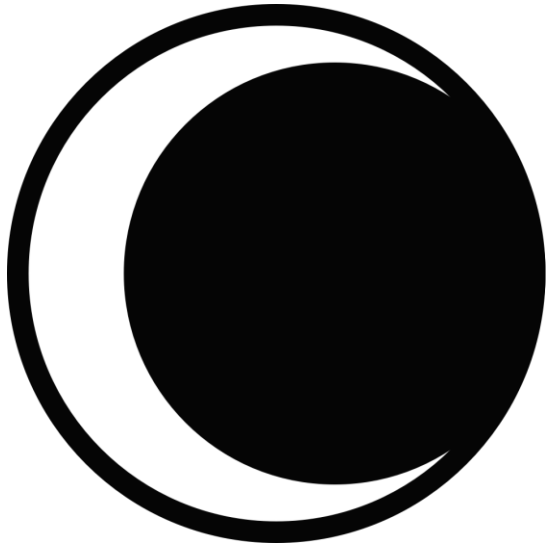
Section 1- Background & Purpose

Building teams throughout North America are realizing a rapid movement toward green building technology. Modern design strategies and an increasing use of more sustainable products will be required to support this movement. Such efforts will maximize points toward the voluntary LEED certified building projects. It will also result in compliance with new national sustainability standards and updated building codes. Because of this reality LunaQuartz has outlined in this document how building teams can benefit from and derive valuable LEED credits when LunaQuartz is included in:

1. The design and construction of new buildings
2. Renovations to existing buildings

Sustainable “green” or high-performance building design strategies are desirable.

They can cut long-term energy needs to improve indoor environment quality and they serve to reduce the overall environmental impact of a building.



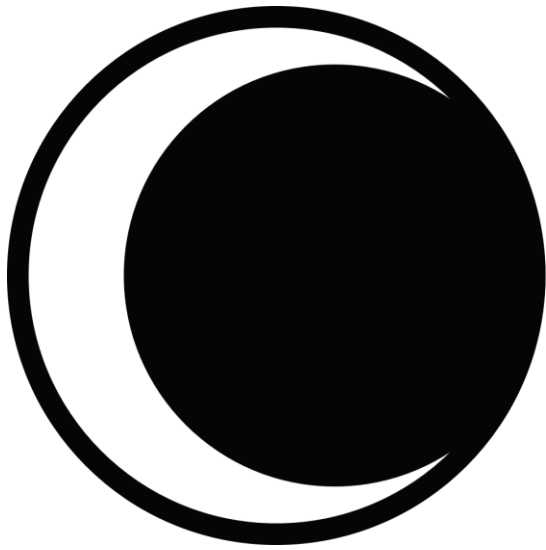
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Many building owners and communities believe that it is proper environmentally responsible to build facilities which have a minimum impact on our earth's resources. Green building is one of the ways they attempt to fulfill that mandate.

Of the many possible green design strategies, this document specifically addresses the role of LunaQuartz in a green building environment. LunaQuartz unique manufacturing processes with NSF and SGS certification. An additional purpose of this document is to assist architects, specifiers, and design teams who want to maintain aesthetic and safety within a building's interior design with the use of LunaQuartz while pursuing LEED Green Building Rating System points toward certification.

LEED points available when using LunaQuartz in your projects:

- Recycled content: 10% (post-consumer + ½ pre-consumer) = 1 point
- Regional Materials 10% extracted, processed & manufactured regionally = 1 point
- Emitting Materials: Adhesives & Sealants = 1point



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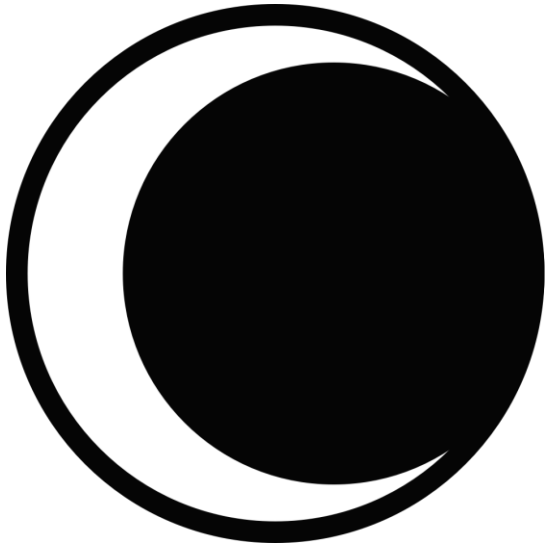
In general terms, building teams can gain points toward LEED certification from the U.S. Green Building Council for a building project with LunaQuartz. LunaQuartz are a cost-effective alternative to natural stone, laminates, and other surfacing materials. LEED does not assign points for a project. However, the information below provides detailed information for building teams that want to use LunaQuartz and pursuing LEED for new construction and major renovations, Version 2.2, U.S. Green Building Rating System.

MR CREDITS 4.1- Recycled Content: 10% (post-consumer + ½ pre-consumer) – 1 point

To use materials with recycled content. Here, the sum of their post-consumer recycled content plus ½ of their pre-consumer recycled content must constitute at least 10% (based on cost) of the total value of the materials in the project.

MR CREDIT 5.1 Regional Materials: 20% Extracted, Processed & Manufactured Regionally – 1 point

Use a minimum of 20% of building materials and products that are manufactured regionally within a radius of 500 miles. Manufacturing refers to the final assembly of components into the building product that is furnished and installed by the tradesman.



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EQ CREDIT 4.1: Low emitting materials: Adhesives & Sealants – 1 point The VOC content of adhesives and sealants used must be less than the current VOC content limits of South Coast Air Quality Management District Regulation 8, rule 51.

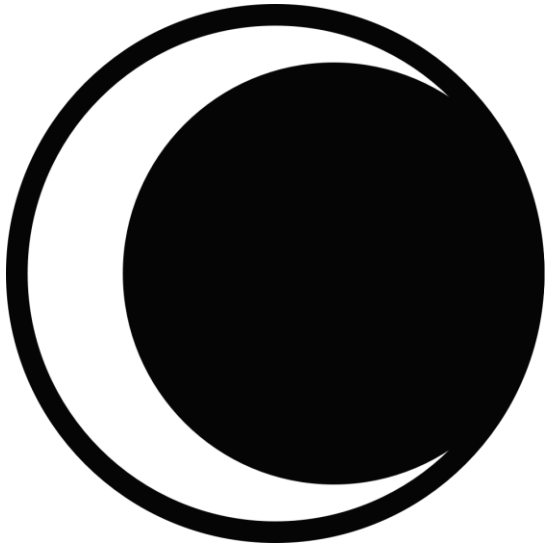
MR CREDITS 4.2- Recycled Content: 20% (post-consumer + ½ pre-consumer) – 1 point

To use materials with recycled content. Here, the sum of their post-consumer recycled content plus ½ of their pre-consumer recycled content must constitute at least 20% (based on cost) of the total value of the materials in the project.

USE OF LunaQuartz CAN CONTRIBUTE TO OBTAINING UP TO (4) LEED CREDIT POINTS

LunaQuartz commitment in terms of sustainability can be summarized as follows:

- Continually improving our processes and our products using as a “tool” the Quality Management and Environmental System
- Compliance with established environmental rules as well as the requirements of both the market and society



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