



LEED®

NC

GREENER building materials

As an industry leader with a proud heritage spanning more than 100 years, USG understands the need to safeguard the world around us and protect the vital natural resources we all share. Long before conservation became a mainstream concern, USG was finding innovative ways to reduce waste, operate efficiently and transform manufacturing byproducts into valuable new resources.

With a firm belief that health, safety and environmental well-being are compatible with economic prosperity, USG maintains a longstanding commitment with our employees, customers and communities to reduce environmental impact, use recycled materials whenever feasible and eliminate manufacturing waste. We have a solid history of environmental leadership and responsibility, and we are constantly seeking environmentally friendly product and manufacturing solutions.

Consumers have become increasingly aware of the need to conserve energy, manage the use of raw materials, reduce waste and safeguard against pollutants. In response, many developers and owners now demand buildings with materials and technologies that will help save energy, preserve the integrity of the surrounding land and assure a clean, healthy indoor environment.

USG emphasizes innovation in our products, from the ingredients we choose to the processes we employ. Take a closer look at the advantages that let you choose USG products with confidence.



Chicago, Illinois U.S.A.
888.874.2450
www.usg.com

Member of the Alliance for Sustainable Built Environments

Credit	Description	LEED-NC Requirement	Solution
Energy & Atmosphere Prereq. 2 Required	Minimum Energy Performance	Design to meet building energy efficiency and performance as required by ASHRAE/IESNA 90.1-2004 or the local energy code, whichever is more stringent.	Using high Light Reflectance (LR) ceiling materials such as any of USG's acoustical ceiling panels (LR of .70 to .89) can reduce required luminaries of design space and improve the quality and quantity of natural light.
Energy & Atmosphere Credit 1 1-10 points	Optimize Energy Performance	Reduce design energy cost compared to the energy cost budget for regulated energy components described in the requirements of ASHRAE/IESNA Standard 90.1-1999.	Using high Light Reflectance (LR) ceiling materials such as any of USG's acoustical ceiling panels (LR of .70 to .89) can reduce required luminaries of design space and improve the quality and quantity of natural light.
Materials & Resources Credit 2.1 1 point	Construction Waste Management Divert 50% From Disposal	Recycle and/or salvage at least 50% of non-hazardous construction and demolition debris. Develop and implement a construction waste management plan that, at a minimum, identifies the materials to be diverted from disposal and whether the materials will be sorted on-site or comingled.	USG has a nationwide recycling program for ceiling panels and a pilot program in the New England/Boston area for drywall waste. See www.usg.com for details.
Materials & Resources Credit 2.2 1 point	Construction Waste Management Divert 75% From Disposal	Recycle and/or salvage an additional 25% beyond MR Credit 2.1 (75% total) of non-hazardous construction and demolition debris. Excavated soil and land-clearing debris do not contribute to this credit.	USG has a nationwide recycling program for its ceiling tile and a pilot program in the New England/Boston area for drywall waste. See www.usg.com for details.
Materials & Resources Credit 3.1-3.2 1-2 points	Materials Reuse	Use salvaged, refurbished, or reused materials, products, and furnishings for at least 5% of building products. An additional point is awarded if the totals are at least 10%.	Most of USG products, are made from recycled waste stream materials reducing the need for extraction of these raw materials from virgin resources, which may assist in obtaining this credit. For the recycled content and raw materials distances for specific USG products refer to the USG Sustainability Table at www.usg.com .

Credit	Description	LEED-NC Requirement	Solution
Materials & Resources Credit 4.1-4.2 1-2 points	Recycled Content	Use materials with recycled content such that the sum of post-consumer content plus 1/2 of the post-industrial content constitutes at least 10% of the total value of the materials in project (1 point). An additional point is awarded if a total of 20% of the total value of the materials in the project is reached.	USG products are high in recycled content, while maintaining a high durability index or life expectancy. For more information on the recycled content of specific USG products refer to the USG Sustainability Table at www.usg.com .
Materials & Resources Credit 5.1-5.2 1-2 points	Local/Regional Materials	Use a minimum of 10% of building materials and products that are manufactured within a radius of 500 miles. An additional point is awarded if this total is 20%.	USG can contribute to this point for customers in many areas of the U.S. based on products used. For more information on distances of raw materials to our manufacturing facilities of specific USG products refer to the USG Sustainability Table at www.usg.com .
Materials & Resources Credit 6 1 point	Rapidly Renewable Materials	Use rapidly renewable building materials and products (made from plants that are typically harvested within a ten-year cycle or shorter) for 2.5% of the total value of all building materials and products used in the project, based on cost.	Many USG products, including all SHEETROCK and FIBERROCK brand panels and all acoustical ceiling panels, use starch made from wheat and/or corn as a binder. For more information on percentages of starch used in specific USG products refer to the USG Sustainability Table at www.usg.com .
Innovation in Upgrades, Operations & Maintenance Credit 1.1-1.4 1-4 points	Innovation in Operation and Upgrades	Provide documentation of each proposed innovation credit, including a description of the achievement, the additional environmental benefits delivered and the performance metrics used to document the additional environmental benefits delivered over the performance period.	Although the LEED rating systems currently do not address emissions of all of building materials and their effects on indoor air quality, all USG products are low emitters of VOCs and meet the most stringent requirements for emission. USG offers the cleanest and lowest emitting products available and may contribute to innovation credits. For more information on the VOC and formaldehyde emissions information for specific USG products refer to the USG Sustainability Table at www.usg.com .

Note: Use of the particular products/solutions listed in this grid contribute toward the efforts to achieve LEED points in these specific categories, however, use of these products/solutions alone does not guarantee achievement of point criteria or LEED certification of a building.



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