



LEED for Green Environments

The U.S. Green Building Council is the nation's leading coalition of corporations, builders, universities, government agencies, and nonprofit organizations working together to promote buildings that are environmentally responsible, profitable, and healthy places to live and work. Since its founding in 1993, the Council has grown to over 6,300 member companies and organizations; a 60-person professional staff; a broad portfolio of LEED products and services; extensive educational offerings like the industry's popular Green-build International Conference and Expo; and a network of more than 60 local chapters, affiliates, and organizing groups. For more information go to <http://www.usgbc.org> E LEED® (Leadership in Energy and Environmental Design)

Below is a list of project ideas that earn LEED points and protect the environment.

MRcr1.3 - Building Reuse Credit	(1 point possible)
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Polymer and cementitious flooring and coating systems typically last the life of the structure. In many renovation projects, the original flooring systems have been restored to their original luster following inexpensive repairs and/or refinishing of the floor. Refinishing other flooring systems can be combined with reuse in other areas like.

MRcr4.1 & 4.2 - Recycled Content Credit	(2 point possible)
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Polymer and cementitious flooring and coating systems can allow for easy incorporation of recycled fillers or aggregates. One point is granted for 10% recycled content and a second point for an additional 10% (20% total) of the total value of the materials on the project. The credit is based on the dollar value of the raw material.

MRcr5.1 & 5.2 - Local Regional Materials Credits	(2 point possible)
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Polymer and cementitious flooring and coating systems are partially manufactured on the jobsite. One point is awarded if 10% of the projects building materials are manufactured within a 500-mile radius of the project. Since the flooring and coating systems incorporate several different components, often from different manufactures, they comply. In addition, raw materials, such as aggregates, are often extracted, harvested or recovered within a 500-mile radius of the project. The calculation is based on the cost of the raw materials. These systems can contribute to the credit if the raw material supplier is located within 500 miles of the project site and is manufactured on site. A second point is awarded if the total percentage of the cost of regional materials is at least 20%.

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MCcr2.1 & 2.2 - Construction Waste Management Credit	(1 – 2 point possible)
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Polymer and cementitious flooring and coating systems can contribute to construction waste management and assist in the reclamation waste from the construction process. In projects that require demolition of existing structures, contractor can be part of the construction waste management team – reclaiming aggregate and thereby avoiding disposal into the landfill. If desired, the salvaged aggregate can potentially be used as fill in a new building project.

EQcr4.1 - Indoor Emitting Materials Credit 4.1	(1 point possible)
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Cementitious based systems are a combination of inorganic powder and aggregate and organic based binders containing limited to zero volatile organic compounds (VOC). Epoxy flooring and coating systems have, for the most part, moved to 100% solid or water based formulas, limiting or even eliminating the addition of VOC's in the material. In addition, a number of systems are silica free.

IDcr1 - Innovative Design Credit	(1 point possible)
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Cementitious and polymer flooring and coating systems can also potentially gain additional points under the Innovation and Design category for innovative performance in Green Building Categories not specifically addressed by LEED. As an example, extensive use of Micro-Topping as a predominant floor material can potentially result in an installation with a Life Cycle Analysis that exceeds that of other floor materials.

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