

What is LEED®?

LEED, or Leadership in Energy and Environmental Design, is a green building certification system developed by the U.S. Green Building Council (USGBC). According to the USGBC web site, “LEED provides building owners and operators a concise framework for identifying and implementing practical and measurable green building design, construction, operations and maintenance solutions.”

LEED can be applied to both commercial and residential building types and to any phase of a building life cycle. LEED measures performance in the following categories:

- Sustainable Sites
- Water Efficiency
- Energy & Atmosphere
- Materials & Resources
- Indoor Environmental Quality
- Locations & Linkages
- Awareness & Education
- Innovation in Design
- Regional Priority

Projects under the LEED rating systems earn points toward different levels of certification. There are several different LEED rating systems. This document provides information on LEED for New Construction and Major Renovations (LEED-NC). Points are earned by meeting the technical requirements set under the categories outlined above. The total number of points achieved on a project dictates the certification level (Certified, Silver, Gold or Platinum).

Ultimate Systems’ Rubber Flooring Products & LEED

It’s important to note that using Ultimate Systems recycled rubber flooring alone will not qualify for LEED points. However, Ultimate Systems’ high-quality resilient flooring can contribute to points in conjunction with other products and practices under a green building project.

Under LEED, Ultimate Systems’ recycled rubber flooring and underlayment can assist in earning points under the **Materials & Resources** category. In addition, Ultimate Systems recommends and supplies a third-party polyurethane flooring adhesive that meets the requirements of the **Indoor Environmental Quality** category.

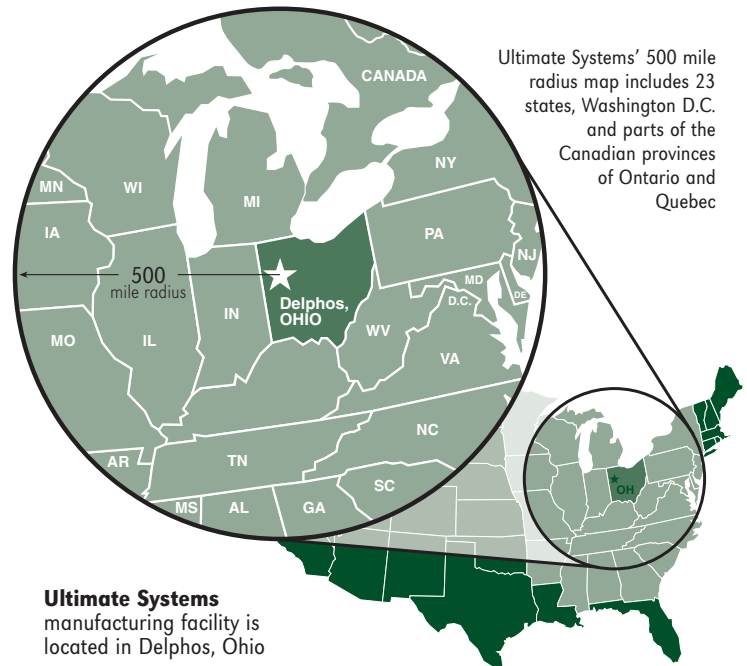
LEED-NC – Materials & Resources Credits

MR 4.1 Recycled Content 10% (1 point)

- Use materials with recycled content such that the sum of post-consumer recycled content plus one-half of the pre-consumer content constitutes at least 10% (based on cost) of the total value of the materials in the project.
- The recycled content value of a material assembly shall be determined by weight. The recycled fraction of the assembly is then multiplied by the cost of assembly to determine the recycled content value.

MR 4.2 Recycled Content 20% (1 point in addition to MR 4.1)

- Use materials with recycled content such that the sum of post-consumer recycled content plus one-half of the pre-consumer content constitutes an additional 10% beyond MR Credit 4.1 (total of 20%, based on cost) of the total value of the materials in the project.
- The recycled content value of a material assembly shall be determined by weight. The recycled fraction of the assembly is then multiplied by the cost of assembly to determine the recycled content value.



LEED-NC – Materials & Resources Credits (Continued)

MR 5.1 Regional Materials 10% (1 point)

- Use building materials or products that have been extracted, harvested or recovered, as well as manufactured, within 500 miles of the project site for a minimum of 10% (based on cost) of the total materials value.
- If only a fraction of a product or material is extracted/harvested/recovered and manufactured locally, then only that percentage (by weight) shall contribute to the regional value.

MR 5.2 Regional Materials 20% (1 point in addition to MR 5.1)

- Use building materials or products that have been extracted, harvested or recovered, as well as manufactured, within 500 miles of the project site for an additional 10% beyond MR Credit 5.1 (total of 20%, based on cost) of the total materials value.
- If only a fraction of a product or material is extracted/harvested/recovered and manufactured locally, then only that percentage (by weight) shall contribute to the regional value.

Ultimate’s Recycled Products Are “Leeding” The Way

Ultimate Systems manufacturers its line of **Ultimate Tough** resilient rubber flooring and **Ultimate Cushion** underlayment from different percentages of post-consumer and post-industrial recycled material. The primary recycled material is black SBR tire rubber.

Ultimate’s line of colored EPDM resilient flooring – **Ultimate Design** – contains higher percentages of post-industrial recycle.

Review the Ultimate Systems Rubber Flooring Recycled Content Chart online at: <http://www.firstinrecycledflooring.com/contact-green.php>

LEED-NC – Materials & Resources Credits (Continued)

MR 2.1 Construction Waste Management 50% (1 point)

- 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 commingled. Calculations can be done by weight or volume, but must be consistent throughout.

MR 2.2 Construction Waste Mgmt. 75% (1 point in addition to MR. 2.1)

- Recycle and salvage an additional 25% beyond MR 2.1 (75% total) of non-hazardous construction and demolition debris.

Construction Waste Management & Ultimate Systems

- Ultimate Systems will accept waste rubber salvage and flooring scrap provided the material is clean and free from adhesives and debris. This includes any metal pieces, dirt, or other adhered material (such as concrete or asphalt).

Note: All recyclable rubber construction waste must be securely packaged and shipped back at the owner's expense to Ultimate Systems' manufacturing facility in Delphos, Ohio.

***** IMPORTANT *****

Prior to shipping ANY recyclable rubber construction waste to the company, please contact Ultimate Systems Customer Service at 419-692-3005 to receive a reclamation number for the material.

LEED-NC – Indoor Environmental Quality Credits

IEQ 4.1 Low-Emitting Materials – Adhesives & Sealants (1 point)

- Adhesives and sealants used on the interior of the building shall comply with the current VOC limits of South Coast Air Quality Management District (SCAQMD) Rule #1168.

Ultimate Systems Supplies A Qualifying Flooring Adhesive

- Ultimate Systems recommends and supplies a one-component, polyurethane-based trowel-grade, waterproof structural adhesive with vapor reducing characteristics. The patented formula is VOC compliant and it contains no solvents or water. The adhesive is formulated for indoor and outdoor applications. Visit www.firstinrecycledflooring.com for additional product information.

IEQ 4.3 Low-Emitting Materials – Flooring Systems (1 point)

- All flooring must comply with the following as applicable to the project scope:
 - All hard surface flooring must be certified as compliant with the FloorScore standard by an independent third-party. Flooring products covered by FloorScore include vinyl, linoleum, laminate flooring, wood flooring, ceramic flooring, rubber flooring and wall base.
 - An alternative compliance path using FloorScore is acceptable for credit achievement: 100% of the non-carpet finished flooring must be FloorScore-certified and must constitute at least 25% of the finished floor area.

– OR –

IEQ 4.3 Low-Emitting Materials – Flooring Systems (Continued)

- All flooring elements installed in the building interior must meet the testing and product requirements of the California Department of Health Services Standard Practice for the Testing of Volatile Organic Emissions from Various Sources Using Small-Scale Environmental Chambers, including 2004 Addenda.

For complete information regarding the LEED rating system, visit the U.S. Green Building Council web site at www.usgbc.org.

Ultimate Systems Recycled Products & LEED Credits

Product Name	FloorScore Certified	CHPS Compliant	POTENTIAL LEED CREDITS					
			MR2.1	MR2.2	MR4.1	MR4.2	MR5.1 MR5.2	IEQ4.3
(099 Black)	✓	✓	1	1	1	1	SEE BELOW	1
(101 Black)	✓	✓	1	1	1	1	↓	1
(102 Black)	✓	✓	1	1	1	1		1
(103 Black)	✓	✓	1	1	1	1		1
(130 Black)	✓	✓	1	1	1	1		1
(106 Black)	✓	✓	1	1	1	1		1
(10% Color)	✓	✓	1	1	1	1		1
(20% Color)	✓	✓	1	1	1	1		1
(30% Color)	✓	✓	1	1	1	1		1
(40% Color)	✓	✓	1	1	1	1		1
(50% Color)	✓	✓	1	1	1	1		1
(70% Color)	✓	✓	1	1	1	1	1	
(95% Color)	✓	✓	1	1	1	1	1	

- Ultimate Systems' high-quality resilient flooring can contribute to LEED points in conjunction with other products and practices under a green building project.
- MR5.1 & MR5.2 LEED credits (1 point each) may qualify if Ultimate Systems' resilient flooring is used on a project site within 500 miles from Delphos, Ohio.

Additional credits may be available under other LEED rating systems such as LEED for Commercial Interiors (LEED-CI), LEED for Existing Buildings: Operations & Maintenance (LEED-EB), LEED for Core & Shell (LEED-Core/Shell) or LEED for Schools (LEED-Schools).

Ultimate Systems Rubber Flooring Is FloorScore® Certified

FloorScore is a voluntary, independent certification program that tests and certifies hard surface flooring and associated products for compliance with criteria adopted in California for indoor air emissions of VOCs with potential health effects. The program uses a small scale chamber test protocol and incorporates VOC emissions criteria, which are widely known as Section 1350, developed by the California Department of Health Services.

FloorScore was developed by the Resilient Floor Covering Institute (RFCI) in conjunction with Scientific Certification Systems (SCS).

Ultimate Systems' Ultimate Tough and Ultimate Design resilient rubber flooring products, along with its Ultimate Cushion rubber underlayment, conform to the Collaborative for High Performance Schools (CHPS) - CA Section 01350 specifications.

For more information on the FloorScore certification program, the Scientific Certification System, or CHPS, visit these online resources:

- www.rfci.com
- www.scs-certified.com
- www.chps.net

	
This product has been certified to meet the requirements of the flooring products certification program for indoor air quality.	
AS CERTIFIED BY  SCS SCIENTIFIC CERTIFICATION SYSTEMS	COMPLETE DETAILS ARE AVAILABLE AT WWW.RFCI.COM . CERT. # SCS-FS-02005

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