FIELDturf®
The greatest turf on earth.℠

How FieldTurf Can Contribute To Obtaining LEED® Credits

FieldTurf Tarkett
UNITED IN SPORT®

LEED® Credits

How FieldTurf Can Contribute To Obtaining **LEED®** Credits

INDEX

LEED® Credits

How FieldTurf Can Contribute To Obtaining **LEED®** Credits

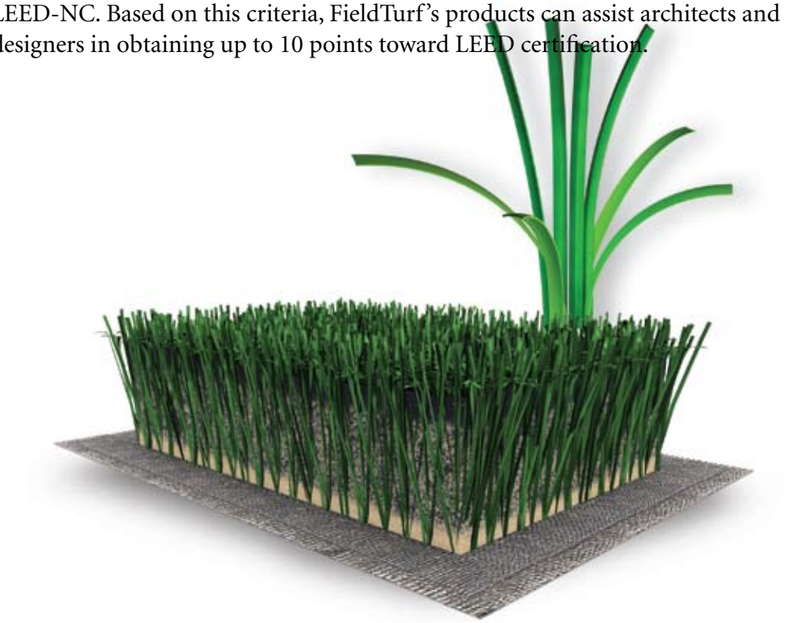
The Leadership in Energy and Environmental Design

The Leadership in Energy and Environmental Design (LEED®) Green Building Rating System™ represents the U.S. Green Building Council's effort to provide a national standard for what constitutes a "green building." It is utilized as a design guideline and certification tool for architects and designers seeking to develop high-performance, sustainable buildings.

LEED Version 2.2 is an updated version of the rating system for New Construction, Major Renovations, and Water Efficiency. It is designed to guide and distinguish high-performance commercial and institutional projects.

The rating system defines the requirements, by category, to achieve each prerequisite and voluntary point. Projects earn one or more points toward certification by meeting or exceeding each credit's technical requirements. Points compute to a final score that relates to one of four possible levels of certification.

FieldTurf's synthetic turf systems for athletic fields are designed to meet stringent criteria required to potentially earn points under 1 out of the 10 categories of LEED-NC. Based on this criteria, FieldTurf's products can assist architects and designers in obtaining up to 10 points toward LEED certification.



1-800-724-2969 info@fieldturftarkett.com www.fieldturftarkett.com

LEED® Credits

How FieldTurf Can Contribute To Obtaining **LEED®** Credits

FieldTurf Recycled Content

Product:	FieldTurf - Rubber & Sand Infill
Dimensions (mm):	
Thickness	as specified
Length	as specified
Width	as specified
Color:	Black
Recycled Content:	
Total	70% (volume)
Post-Consumer	100%
Pre-Consumer	N/A

LEED-NC (New Construction)
CREDIT AREAS POTENTIALLY IMPACTED BY FIELDTURF

Category	Credit Title	Credit Number	No of Points Attainable
Materials & Resources	Construction Waste Management	MR 2.1	1
Materials & Resources	Construction Waste Management	MR 2.2	1
Materials & Resources	Materials Reuse	MR 3.1	1
Materials & Resources	Materials Reuse	MR 3.2	1
Materials & Resources	Recycled Content	MR 4.1	1
Materials & Resources	Recycled Content	MR 4.2	1
Materials & Resources	Regional Materials	MR 5.1	1
Materials & Resources	Regional Materials	MR 5.2	1
Water Efficiency	Water Efficiency Landscaping	WE 1.1	1
Water Efficiency	Water Efficiency Landscaping	WE 1.2	1

LEED® Credits

How FieldTurf Can Contribute To Obtaining **LEED®** Credits

WE Credit 1.1: Water Efficient Landscaping: Reduce by 50% - **1 Point**

Intent
Limit or eliminate the use of potable water, or other natural surface or subsurface water resources available on or near the project site, for landscape irrigation.

Requirements
Reduce potable water consumption for irrigation by 50% from a calculated mid-summer baseline case.

Reductions shall be attributed to any combination of the following items:
- Plant species factor
- Irrigation efficiency
- Use of captured rainwater
- Use of recycled wastewater
- Use of water treated and conveyed by a public agency specifically for non-potable uses

Potential Technologies & Strategies
Perform a soil/climate analysis to determine appropriate plant material and design the landscape with native or adapted plants to reduce or eliminate irrigation requirements. Where irrigation is required, use high-efficiency equipment and/or climate-based controllers.

WE Credit 1.2: Water Efficient Landscaping: No Potable Water Use or No Irrigation - **1 Point in addition to WE Credit 1.1**

Intent
Eliminate the use of potable water, or other natural surface or subsurface water resources available on or near the project site, for landscape irrigation.

Requirements
Achieve WE Credit 1.1.and:
Use only captured rainwater, recycled wastewater, recycled greywater, or water treated and conveyed by a public agency specifically for non-potable uses for irrigation.
OR
Install landscaping that does not require permanent irrigation systems. Temporary irrigation systems used for plant establishment are allowed only if removed within one year of installation.

Potential Technologies & Strategies
Perform a soil/climate analysis to determine appropriate landscape types and design the landscape with indigenous plants to reduce or eliminate irrigation requirements. Consider using stormwater, greywater, and/or condensate water for irrigation.

1-800-724-2969 info@fieldturftarkett.com www.fieldturftarkett.com

How FieldTurf Can Contribute To Obtaining LEED® Credits

MR Credit 2.1: Construction Waste Management: Divert 50% From Disposal
1 Point

Intent
Divert construction, demolition and land-clearing debris from disposal in landfills and incinerators. Redirect recyclable recovered resources back to the manufacturing process. Redirect reusable materials to appropriate sites.

Requirements
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. Excavated soil and land-clearing debris do not contribute to this credit. Calculations can be done by weight or volume, but must be consistent throughout.

Potential Technologies & Strategies
Establish goals for diversion from disposal in landfills and incinerators and adopt a construction waste management plan to achieve these goals. Consider recycling cardboard, metal, brick, acoustical tile, concrete, plastic, clean wood, glass, gypsum wallboard, carpet and insulation. Designate a specific area(s) on the construction site for segregated or comingled collection of recyclable materials, and track recycling efforts throughout the construction process. Identify construction haulers and recyclers to handle the designated materials. Note that diversion may include donation of materials to charitable organizations and salvage of materials on-site.

MR Credit 2.2: Construction Waste Management: Divert 75% From Disposal -
1 Point in addition to MR Credit 2.1

Intent
Divert construction and demolition debris from disposal in landfills and incinerators. Redirect recyclable recovered resources back to the manufacturing process. Redirect reusable materials to appropriate sites.

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

Potential Technologies & Strategies
Establish goals for diversion from disposal in landfills and incinerators and adopt a construction waste management plan to achieve these goals. Consider recycling cardboard, metal, brick, acoustical tile, concrete, plastic, clean wood, glass, gypsum wallboard, carpet and insulation. Designate a specific area(s) on the construction site for segregated or comingled collection of recyclable materials, and track recycling efforts throughout the construction process. Identify construction haulers and recyclers to handle the designated materials. Note that diversion may include donation of materials to charitable organizations and salvage of materials on-site.

LEED® Credits

How FieldTurf Can Contribute To Obtaining LEED® Credits

MR Credit 3.1: Materials Reuse: 5% - 1 Point

Intent
Reuse building materials and products in order to reduce demand for virgin materials and to reduce waste, thereby reducing impacts associated with the extraction and processing of virgin resources.

Requirements
Use salvaged, refurbished or reused materials such that the sum of these materials constitutes at least 5%, based on cost, of the total value of materials on the project. Mechanical, electrical and plumbing components and specialty items such as elevators and equipment shall not be included in this calculation. Only include materials permanently installed in the project. Furniture may be included, providing it is included consistently in MR Credits 3–7.

Potential Technologies & Strategies
Identify opportunities to incorporate salvaged materials into building design and research potential material suppliers. Consider salvaged materials such as beams and posts, flooring, paneling, doors and frames, cabinetry and furniture, brick and decorative items.

MR Credit 3.2: Materials Reuse: 10%
1 Point in addition to MR Credit 3.1

Intent
Reuse building materials and products in order to reduce demand for virgin materials and to reduce waste, thereby reducing impacts associated with the extraction and processing of virgin resources.

Requirements
Use salvaged, refurbished or reused materials for an additional 5% beyond MR Credit 3.1 (10% total, based on cost). Mechanical, electrical and plumbing components and specialty items such as elevators and equipment shall not be included in this calculation. Only include materials permanently installed in the project. Furniture may be included, providing it is included consistently in MR Credits 3–7.

Potential Technologies & Strategies
Identify opportunities to incorporate salvaged materials into building design and research potential material suppliers. Consider salvaged materials such as beams and posts, flooring, paneling, doors and frames, cabinetry and furniture, brick and decorative items.

LEED for New Construction Version 2.2 - October 2005

1-800-724-2969 info@fieldturftarkett.com www.fieldturftarkett.com

How FieldTurf Can Contribute To Obtaining LEED® Credits

MR Credit 4.1: Recycled Content: 10% (post-consumer + 1/2 pre-consumer)
1 Point

Intent
Increase demand for building products that incorporate recycled content materials, thereby reducing impacts resulting from extraction and processing of virgin materials.

Requirements
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.

Mechanical, electrical and plumbing components and specialty items such as elevators shall not be included in this calculation. Only include materials permanently installed in the project. Furniture may be included, providing it is included consistently in MR Credits 3–7.

Recycled content shall be defined in accordance with the International Organization of Standards document, *ISO 14021—Environmental labels and declarations—Self-declared environmental claims (Type II environmental labeling).*

Post-consumer material is defined as waste material generated by households or by commercial, industrial and institutional facilities in their role as end-users of the product, which can no longer be used for its intended purpose.

Pre-consumer material is defined as material diverted from the waste stream during the manufacturing process. Excluded is reutilization of materials such as rework, regrind or scrap generated in a process and capable of being reclaimed within the same process that generated it.

Potential Technologies & Strategies
Establish a project goal for recycled content materials and identify material suppliers that can achieve this goal. During construction, ensure that the specified recycled content materials are installed. Consider a range of environmental, economic and performance attributes when selecting products and materials.

1-800-724-2969 info@fieldturftarkett.com www.fieldturftarkett.com

LEED® Credits

How FieldTurf Can Contribute To Obtaining LEED® Credits

MR Credit 4.2: Recycled Content: 20% (post-consumer + 1/2 pre-consumer)
1 Point in addition to MR Credit 4.1

Intent
Increase demand for building products that incorporate recycled content materials, thereby reducing the impacts resulting from extraction and processing of virgin materials.

Requirements
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.

Mechanical, electrical and plumbing components and specialty items such as elevators shall not be included in this calculation. Only include materials permanently installed in the project. Furniture may be included, providing it is included consistently in MR Credits 3–7.

Recycled content shall be defined in accordance with the International Organization of Standards document, *ISO 14021—Environmental labels and declarations—Self-declared environmental claims (Type II environmental labeling).*

Post-consumer material is defined as waste material generated by households or by commercial, industrial and institutional facilities in their role as end-users of the product, which can no longer be used for its intended purpose.

Pre-consumer material is defined as material diverted from the waste stream during the manufacturing process. Excluded is reutilization of materials such as rework, regrind or scrap generated in a process and capable of being reclaimed within the same process that generated it.

Potential Technologies & Strategies
Establish a project goal for recycled content materials and identify material suppliers that can achieve this goal. During construction, ensure that the specified recycled content materials are installed. Consider a range of environmental, economic and performance attributes when selecting products and materials.

LEED for New Construction Version 2.2 - October 2005

1-800-724-2969 info@fieldturftarkett.com www.fieldturftarkett.com

LEED® Credits

How FieldTurf Can Contribute To Obtaining **LEED®** Credits

MR Credit 5.1: Regional Materials: 10% Extracted, Processed & Manufactured Regionally - **1 Point**

Intent
Increase demand for building materials and products that are extracted and manufactured within the region, thereby supporting the use of indigenous resources and reducing the environmental impacts resulting from transportation.

Requirements - See location map on next page.
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. Mechanical, electrical and plumbing components and specialty items such as elevators and equipment shall not be included in this calculation. Only include materials permanently installed in the project. Furniture may be included, providing it is included consistently in MR Credits 3–7.

Potential Technologies & Strategies
Establish a project goal for locally sourced materials, and identify materials and material suppliers that can achieve this goal. During construction, ensure that the specified local materials are installed and quantify the total percentage of local materials installed. Consider a range of environmental, economic and performance attributes when selecting products and materials.

MR Credit 5.2: Regional Materials: 20% Extracted, Processed & Manufactured Regionally - **1 Point in addition to MR Credit 5.1**

Intent
Increase demand for building materials and products that are extracted and manufactured within the region, thereby supporting the use of indigenous resources and reducing the environmental impacts resulting from transportation.

Requirements - See location map on next page.
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 the material is extracted/harvested/recovered and manufactured locally, then only that percentage (by weight) shall contribute to the regional value.

Potential Technologies & Strategies
Establish a project goal for locally sourced materials and identify materials and material suppliers that can achieve this goal. During construction, ensure that the specified local materials are installed. Consider a range of environmental, economic and performance attributes when selecting products and materials.

LEED for New Construction Version 2.2 - October 2005

LEED® Credits

How FieldTurf Can Contribute To Obtaining **LEED®** Credits

FieldTurf Tarkett manufacturing facility in Dalton, GA

FieldTurf Tarkett is the largest entity in the sports surfacing industry and provides unparalleled leasing capabilities, engineering and manufacturing resources. In addition to its world-renowned FieldTurf and Prestige brands of artificial turf, FieldTurf Tarkett provides an equally impressive range of products that includes synthetic and hardwood basketball, volleyball and gymnasium flooring, squash and racquetball courts, floor protection and covering systems, and weight room flooring. Also in the range of FieldTurf Tarkett products are indoor and outdoor running tracks including the high performance 'Le Monde' track system, playground surfacing, and a complete range of tennis and golf surfaces.

To determine if you qualify for this credit, please call **800-724-2969** for a complete listing of areas within a 500 mile radius. If you are located outside the 500 mile radius, in most cases FieldTurf can source materials from your local area. Please call us for more information.

Raised area within circle is a 500 mile radius

1-800-724-2969 info@fieldturftarkett.com www.fieldturftarkett.com

The greatest turf on earth.®

FieldTurf Tarkett
UNITED IN SPORT®

1-800-724-2969 info@fieldturftarkett.com www.fieldturftarkett.com