



LEED Product Qualification Data

RESILIENT TILE FLOORING 09 65 19

The Leadership in Energy and Environmental Design (LEED®)

This rating system is the U.S. Green Building Council's approach 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 2.1 is an updated version of the rating system for New Construction and Major Renovations (LEED-NC). It is designed to guide and distinguish high-performance commercial and institutional projects with a focus on office buildings.

The rating system defines the requirements needed to achieve each category's prerequisite and voluntary point. Projects earn one or more points toward certification by meeting or exceeding each category's technical requirements.

All earned points are totaled to a final score that qualifies the project to one of four possible levels of certification. That is; Bronze, Silver, Gold or Platinum.

Burke's EcoScore Flooring Systems are designed to help contribute toward earn points under 2 out of the 6 categories of LEED-NC. Based on these criteria, EcoScore products can assist architects and designers in obtaining up to 5 points toward LEED certification.

LEED-NC Credit Potentially Earned by Flooring

Requirements MR 4.1 & MR 4.2:

MR 4.1 ... (1 point)

Use materials with recycled content such that the sum of post-consumer recycled content plus one half (the value of) of the post-industrial content constitutes at least 5% of the total value of the materials in the project. The value of the recycled content portion of a material or furnishing shall be determined by dividing the weight of recycled content in the item by the total weight of all material in the item, then multiplying the resulting percentage by the total value of the item. Recycled content materials shall be defined in accordance with the Federal Trade Commission.

MR 4.2 ... (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 (the value of) of the post-industrial content constitutes at least 10% of the total value of the materials in the project.

How Can EcoScore-Multi Purpose and Athletic Flooring Contribute?
EcoScore's 67% Post-Consumer content can contribute to MR 4.1 and MR 4.2.

- EcoScore's backing is comprised of Black SBR Rubber; reclaimed entirely of post-consumer recycled material from tires. The entire backing of EcoScore is 100% Post Consumer recycled material. The weight of the backing, as a percentage of the product is 67%.
- EcoScore's wear layer is 33% of the product's entire weight. The wear layer is made up of 20% virgin SBR and adds to the product's effective life cycle cost. Colored SBR flecked chips consists of 13% post-industrial recycled material.

In Summary here is EcoScore's composition:

EcoScore's top layer	13% Post Industrial Recycled Content (MR 4.1)
EcoScore's top layer	<u>20%</u> Virgin Material
EcoScore's top layer total	33% of EcoScore's Weight
EcoScore's backing weight	<u>67%</u> Post Consumer Recycled Content (MR 4.2)
EcoScore's Total Weight	100% EcoScore's Total Weight

LEED-NC Credit Potentially Earned by Flooring Requirements MR 5.1 & 5.2:

MR 5.1 ... (1 point) Use a minimum of 20% of building materials and products that are manufactured regionally within a 500 mile radius.

MR 5.2 ... (1 point in addition to MR 5.1) Of the locally manufactured materials documented for MR 5.1, use a minimum of 50% of building materials and products that are extracted, harvested, or recovered (as well as manufactured) within 500 miles of project site.

How Can EcoScore-Multi Purpose and Athletic Flooring Contribute?
EcoScore can contribute to MR 5.1 but not to MR 5.2.

To determine if qualifies for the MR 5.1 credit, calculate the distance between your project's location and Burke Flooring's manufacturing plant located at:

2250 South Tenth Street, San Jose, CA 95112

The project must be within a 500 mile radius of our plant.

LEED-NC Credit Potentially Earned by Flooring Requirements: EQ 4.1:

EQ 4.1 ... (1 point) Adhesives and sealants must be lower than the current VOC content limits of South Coast Air Quality Management District (SCAQMD) Rule #1168.

How Can Burke Flooring Adhesive Systems Contribute?

BR-725, Two Part Epoxy Adhesive is a two component epoxy adhesive that is calculably free of VOCs. It meets the South Coast Air Quality Management District (SCAQMD) Rule #1168, the most demanding VOC emission standard in the US. It offers excellent trowelability, superior tack properties and is formulated specifically for use with EcoScore-Multi Purpose and Athletic Flooring Systems.

BR-726, Two Part Urethane Adhesive is a two component urethane adhesive that is calculably free of VOCs and meets the most demanding VOC emission standard (SCAQMD Rule #1168) in the US.

Step Bond Flooring Grade Double Sided Installation Tape is a strong 6" wide strip of adhesive tape that is completely odor free. It is calculably free of VOCs and meets the most demanding VOC emission standard (SCAQMD Rule #1168) in the US. It is perfect for applications that cannot tolerate any adhesive odor during installation and that has to have immediate foot traffic.

What about LEED-CI and LEED- EB?

LEED-CI; For Commercial Interiors - It addresses the specifics of tenant spaces in office, retail, and institutional buildings.

LEED-EB; for Existing Buildings (LEED-EB) addresses the sustainable operation of existing buildings, and covers building operations and systems upgrades in existing buildings where the majority of interior or exterior surfaces remain unchanged.

While LEED-NC is the first and most popular rating system, all three programs are part of a comprehensive suite of LEED green building rating tools the USGBC has

developed to promote green design, construction, and operations practices in buildings nationwide.

LEEDS-CI

Applies to tenant improvements of new or existing office space

LEEDS-EB

Applies to whole buildings

Applies to facility management policies and measured performance

Materials and Resources Definitions for CI and EB

MR 4.1: 1 point if 5% of all materials contain recycled content; 2 points for 10%.

MR 4.2: Same as NC except that minimums are doubled to 10% and 20% respectively.

MR 5.1: 1 point for using 20% of building materials made within a 500 mile radius

How Can EcoScore-Multi Purpose and Athletic Flooring Contribute to MR 4?
EcoScore's 67% Post-Consumer content can contribute to MR 4.1 and MR 4.2.

- Materials contain at least 20% post-consumer or 10% post-industrial material.

How Can EcoScore-Multi Purpose and Athletic Flooring Contribute MR 5?
EcoScore can contribute to MR 5.1 but not MR 5.2.

Indoor Air Quality Definitions for CI and EB

EQ 4.1: One point for using adhesives and sealants that meet SCAQMD.

EQ 4.2: Same as NC; One point for using adhesives and sealants that meet SCAQMD (October 2003) and aerosol adhesives that meet Green Seal Standard GS-36 (October 2000).

How Can EcoScore-Multi Purpose and Athletic Flooring Contribute EQ 4?
EcoScore can contribute to EQ 4.1 but not EQ 4.2.