



LEED® Advantages

The LEED™ Green Building rating system is the nationally accepted benchmark for the design and construction of Green buildings. Rubbersidewalks™ contributes credits in these sections:

4.1, 4.2 - Recycled Content

Rubbersidewalks™ are 100% recycled content including scrap car tires. Rubbersidewalks™ interlocking modular paving systems diverts 98 tires per 100 square feet, or 4.5 passenger tires per paver.

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

Requirement: Use materials with recycled content such that the sum of post-consumer recycled content plus one-half of the pre-consumer content constitutes 10% or 20% (based on cost) of the total value of the materials in the project.

5.1, 5.2 - Regional Materials

Rubbersidewalks™ are fabricated in California, and in New York State, diverting tires from landfill in the two highest waste-tire-generating states.

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. **Requirement:** Use building products that have been extracted, harvested or recovered, as well as manufactured, within 500 miles of the project site for minimum of 10% or 20% (based on cost) of the total materials value. If only a fraction of the product is extracted, harvested or recovered and manufactured locally, then only that percentage (by weight) shall contribute to the regional value.

6.1, 6.2 – Storm water Design

Rubbersidewalks™ is a pervious pavement system and allows over 97.2 inches per hour of storm water evacuation through the seams. All RS systems can be combined with other storm water management solutions to accommodate this LEED credit.

Intent: Limit disruption of natural water hydrology by reducing impervious cover, increasing on-site infiltration, reducing or eliminating pollution from storm water runoff, and eliminating contaminants. **Requirement:** Implement a storm water management plan that decreases the volume of storm water runoff from the one- or two-year 24-hour design storm, reduces impervious cover, promotes infiltration, and captures and treats the storm water runoff using acceptable best management practices.

Rubbersidewalks, Inc.

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7.1 - Heat Island Effect

Rubbersidewalks™ is modular and pervious through the seams contributing to reduced heat island effect.

Intent: Reduce heat islands (thermal gradient differences between developed and undeveloped areas) to minimize impact on microclimate and human and wildlife habitat.

Requirement: Provide any combination of the following for 50% of the site hardscape: shade (within 5 years occupancy), paving materials with a Solar Reflectance Index of at least 29, open grid pavement system. Or, place a minimum of 50% of parking spaces under cover. Any roof used to shade covered parking must have an SRI of at least 29.

1.1 - Innovation in Design

Rubbersidewalks™, Inc. is the pioneer of modular interlocking pavement as an alternative to concrete and asphalt. Rubbersidewalks™ systems are used nationwide in assorted applications.

Intent: To provide design teams and projects the opportunity to be awarded points for exceptional performance above the requirements set by the LEED Green Building Rating System and/or innovative performance in Green Building categories not specifically addressed by LEED.

Requirement: Identify the intent of the proposed innovation credit, the proposed requirement for compliance, the proposed submittals to demonstrate compliance, and the design approach (strategies) that might be used to meet the requirements.

The credits apply for New Construction (LEED-NC) and LEED for Existing Buildings (LEED-EB).

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