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## LEED Credits – Everblue Pavers™

The LEED-NC rating system for New Construction & Major Renovations is broken down into 5 categories:

Sustainable Sites  
Water Efficiency  
Energy & Atmosphere  
Materials & Resources  
Indoor Environmental Quality  
Innovation & Design Process

Credits that may be earned by the use of Everblue Pavers™ in each of these categories are listed below.

### Sustainable Sites:

Refers to reduction in environmental damage, pollution and other harmful effects due to building construction including the heat island effect created in urban environments by paved surfaces

#### SS Credit 7.1 - Heat Island Effect: Non Roof (1 LEED point)

The majority of Everblue™ Pavers do not contribute to a change in the energy balance of the environments where they are installed. They don't produce any Urban Heat Island Effect, thanks to high Solar Reflectance Index SRI  $\geq 29$ .

### Energy & Atmosphere:

Refers to energy efficiency within buildings and prevention of ozone depletion.  
Use of renewable on-site energy and the use of green power are credits available to building owners.

#### EA Credit 1 - Optimize Energy Performance (1-10 LEED points)

Thermal conductivity of Everblue Pavers™ is 0.75 Btu/ft. h °F (1.3 Watt/m<sup>2</sup>K or 1.1 Kcal/m h °C)

### Materials & Resources:

Focus on recycled material, reclaim(ed) and reuse/repurpose

#### MR Credit 4.2 - Recycled Content, 20% (post-consumer + ½ pre-consumer): (2 LEED points)

Everblue Pavers™ are produced with **40%** of pre-consumer recycled materials.

#### MR Credit 5.2 - Regional Materials, 20% Extracted, Processed & Manufactured Regionally: (2 LEED points)

Use of materials harvested, extracted, recovered and manufactured within 500 miles of the project.  
45% of our raw materials are quarried within 500 miles radius of the manufacturing plants. Therefore, our products contribute 45% of their value to the LEED Credits of this Section.





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## Indoor Environmental Quality:

Emphasis on providing a healthy indoor environment.

### **EQ Credit 4.2 - Low-Emitting Materials, Paints & Coatings: (1 LEED point)**

No traces of VOC (Volatile Organic Compounds) are present in Everblue Pavers™ (as certified by independent laboratory tests).

## Innovation & Design Process:

Provides recognition for innovative design strategies that may not be reflected within the credits otherwise provided by LEED

### **ID Credit 1.1 - 1.4 Innovation in Design: (1-4 LEED points)**

Requires documentation to describe the proposed project design, how it exceeds current requirements, and demonstrate compliance and strategies to meet the requirements.

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Everblue Pavers™ are produced in manufacturing plants with environmental management systems compliant to ISO 14001:2004 and EMAS and which have received the prestigious ecological mark ECOLABEL

These environmental standards relate to safeguarding the environment and undertaking continuous improvement in environmental standards for both products and manufacturing sites and ensuring the healthcare of the workforce.

Specific initiatives that Evercore Surfaces (manufacturer of Everblue™) have implemented in recent years include:

- Reducing CO2 emissions by more than 17% with new investment planned for further reduction
- Utilizing heat generated during the production process
- Using electricity derived from co-generation and hydroelectric power
- Collecting and reusing 100% of the waste-water produced during the manufacturing process
- Using packaging materials produced from recycled paper

