



ASSISTING WITH LEED CERTIFICATION (VERSION 2.2)

Environmental Stoneworks constantly strives to produce products that are sensitive to sustainable green building practices. If you are pursuing LEED certification, our manufactured stone veneer may help your project earn the LEED credits identified below. It is important to note that while our products may help your project achieve these credits, all factors pertaining to each category must be considered to determine compliance.

LEED-NC Credit/Description	Environmental Stoneworks' Potential Contribution	Things To Consider
<p>Energy & Atmosphere Credit 1 – Optimize Energy Performance (reduction of building's overall energy use)</p>	<p>The R-value of our stone is .87 based on a 1.14" thick sample. R-value will vary depending on stone thickness, and stone thickness varies with stone style. R-value contributes to a building's thermal resistance. In addition, manufactured stone veneer contributes to thermal mass and can provide inertia against daily temperature fluctuations. Both R-value and thermal mass can contribute to a building's energy efficiency.</p>	<p>Our contribution is dependent on overall building design.</p>
<p>Materials & Resources Credit 1.1, 1.2 and 1.3 – Building Reuse (maintain 55% - 95% of existing building structure)</p>	<p>Remodeling projects seeking these credits may want to consider the use of manufactured stone veneer because of its design versatility and compatibility with many building styles.</p>	
<p>Materials & Resources Credits 2.1 and 2.2 – Materials Construction Waste Management (divert 50% - 75% from landfill)</p>	<p>Upon request, the pallets from our product delivery to your jobsite may be recycled or reused. You would then be able to apply the weight or volume of these pallets to the calculation for these credits.</p>	<p>It is not always our regular procedure to reuse/recycle pallets; therefore, it is essential for good, early communication between the contractor and ESW representative.</p>
<p>Materials & Resources Credits 4.1 and 4.2 – Recycled Content (10% & 20% post-consumer + 1/2 pre-consumer)</p>	<p>Recycled content refers to the portion of the materials used in a product that have been diverted from the solid waste stream. Materials diverted during the manufacturing process are referred to as pre-consumer. The aggregates in many of our product are considered pre-consumer recycled material.</p>	<p>Recycled content will vary depending on the facility that your product is manufactured in.</p>
<p>Materials & Resources Credits 5.1 and 5.2 – Materials Extracted, Processed & Manufactured Regionally (10% - 20% of total cost of materials)</p>	<p>We have four manufacturing facilities located throughout the United States. The likelihood of your project being within a 500-mile radius of one of them is high. You would then be able to apply the cost of our stone to the calculations for these credits.</p>	<p>The 500-mile radius applies to the <i>manufacturing</i> location of the product. Distribution from other non-manufacturing facilities within 500 miles will not satisfy the requirement.</p>
<p>Innovation & Design Process Credits 1.1 – 1.4 – Innovation in Design</p>	<p>Exceptional performance, above the requirement set by the LEED rating system, may be awarded Innovation in Design credits.</p>	<p>Depending on the facility that your product is manufactured in, we may be able to contribute to an innovation in design credit. Several of our aggregate suppliers are considered C2C Silver Certified.</p>

