



Boral Stone Products Manufactured Stone Veneer

HELPING YOU ACHIEVE LEED® CERTIFICATION IN CANADA

Boral Manufactured Stone Veneer Products help improve thermal performance in commercial, institutional and high-rise residential buildings while adding to the aesthetic appeal of the project. This document applies to the LEED New Construction and Major Renovations, LEED Commercial Interiors, LEED Core & Shell, LEED for Schools and LEED for Existing Buildings, Operations & Maintenance products. As you pursue LEED Certification, rely on the products and expertise of Boral Stone Products.

LEED Certification and the awarding of credits is based on the overall project design, properly designed building systems and construction assemblies and the performance of the project as a whole. Boral Manufactured Stone Veneer Products can be a component of many of these systems and assemblies, with all components within those systems and assemblies being considered in assessing compliance with the LEED Rating System within a given category and credit. Boral Manufactured Stone Veneer Products contribute to the categories listed below.

Boral Stone Products:

- Cultured Stone® Manufactured Stone Veneer
- ProStone® Manufactured Stone Veneer

Table 1 (Chart continued on next page)

Contribution to LEED Requirement

LEED Credit Category	LEED Requirement	Boral Stone Products Product Contribution
<p>Energy and Atmosphere (EA)– Prerequisite 2: Minimum Energy Performance</p> <p>Credit 1: Optimize Energy Performance (1-19 points)</p>	<p>Demonstrate a 23% cost improvement for new buildings or a 19% cost improvement for major renovations to existing buildings, compared with the referenced building performance rating by using The Model National Energy Code for Buildings (MNECB) as Path 1.</p> <p>Demonstrate a 10% performance improvement for new buildings or 5% better performance for renovated existing buildings, with baseline building performance rating calculated per method in Appendix G of ANSI/ASHRAE/IESNA Standard 90.1-2007 for whole building simulation as Path 2.</p> <p>To achieve increased levels of energy performance beyond the prerequisite standard, several options are available to demonstrate a percentage cost improvement. Calculations will refer either to MNECB for a whole building energy simulation or to Appendix G of ANSI/ASHRAE/IESNA Standard 90.1-2009, with points awarded per table.</p>	<p>Boral Stone Products help reduce building energy demand while improving thermal comfort for the occupants. The project team is responsible for conducting the energy analysis to determine the overall building energy efficiency.</p> <p>Boral Stone Products help reduce building energy demand and improve thermal comfort. The overall contribution depends on the insulation R-value, the U-value of the construction assembly, and the assembly design. The project team is responsible for conducting the energy analysis to determine the overall building energy efficiency.</p>
<p>Materials & Resources (MR)– Credit 4: Recycled Content (1-2 points)</p>	<p>Materials with recycled content such that the sum of post-consumer recycled content plus ½ of the pre-consumer content constitutes at least 10% (1 point) or 20% (2 points), based on cost, of the total value of the materials in the project.</p>	<p>Boral Stone Products contain a minimum of 54% pre-consumer recycled content. Recycled content validation by UL Environment: www.ulenvironment.com.</p>
<p>Innovation in Design (ID)– (1-5 points)</p>	<p>Credit can be achieved through any combination of the Innovation in Design and Exemplary Performance.</p>	<p>Refer to LEED® Canada chart or check with the local sales representative for product applications.</p>

Note: No individual material enables a credit point to be taken within LEED because each category is dependent on the aggregate of all materials and their proportionate relationship to the total dollar cost of all materials.

Figure 1

Boral Stone Products Plant Locations



* Neither of our manufacturing plants are located within 500 miles of Canada.

To learn more about Boral Stone Products
visit www.boralna.com

Build something great™ with Boral

Roof tiles
Roof Accessories
Bricks
Pavers
Stone

Explore the product range online
www.boralna.com

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