

## Product Compatibility Evaluation – LEED® - NC Canada

GA Product Evaluation No. **08-002-V01**

Date of Evaluation: **May 2008**

Product Name: **Cambrian Black Granite**

Product Type: **Natural Stone, Granite**

Master Format Code: **44000, 93033, 96340, 123640**

### Product Description:

This black granite is the best seller in North America for rough blocks, slabs, tiles, construction projects and funeral markets. This product comes in a wide variety of finishes: Antique, Bush hammered, Honed, Plasma flamed, Plasma flamed and washed, Polished, Sandblasted, Thermal, Waterjet. This product is sold as a slab material and can be cut to suite any application; Countertops, exterior or interior cladding, exterior walkways, interior flooring etc. Please visit: [www.marbletrend.com](http://www.marbletrend.com) for more information.

### LEED®-NC Canada Product Compatibility Chart – *Direct Product Compatibility*

#### Materials & Resources

Credit No.	Credit Name	Credit Requirements	Product Compatibility
3.1 & 3.2	Resource Reuse: 5% & 10%	Use salvaged, refurbished or reused materials, products and furnishings for 5% to 10% of the total cost of building materials.	Manufacturer regularly sources product to refinish and refurbish from existing demolition projects such as historic buildings. <i>Contact Manufacturer for specific information.</i>
5.1 & 5.2	Regional Materials: 10% & 20% (Extracted and Manufactured Regionally)	10% to 20% of all div.3 to 12 MFC 2004 &/or div.2-10 MFC 1995 project materials (by weight) to be extracted and manufactured within 800km - 2400km via truck or rail respectively.	Product is extracted in <b>Saint-Nazaire, Quebec</b> & manufactured in <b>Saint-Sebastien, and Riviere-a-Pierre, Quebec, CAN.</b> *Depending on the project site this product may meet the requirements.
8.0	Durable Building	Develop and implement a Durable Building Plan. This includes choosing durable materials and components which reduce the need for new materials and the environmental costs of resource extraction, production processes and waste disposal.	If product is well maintained: Low traffic interior = 150+ years, High traffic interior = 40+ years. Low traffic exterior = 75+ years. Well maintained countertops can last 150+ years. <i>Results may vary.</i>

#### General Information Related to LEED®

Material Weight: **180 lbs to 230 lbs/ cubic foot**

**Note** – The use of this product can contribute to the process of achieving points in the categories listed above however specifying this product does not guarantee point achievement or LEED® certification of a project.

**Disclaimer:**  
The information provided on this sheet is believed to be accurate as of the date noted. However, Green Alberta (GA) makes no warranty either expressed or implied, concerning the accuracy or completeness of this information. Any information that changes after the evaluation date is the responsibility of the manufacturer / supplier to inform GA and request an updated LEED® Compatibility Chart.

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A: Suite 600A 10117-Jasper Avenue Edmonton, Alberta T5J 1W8, CA

W: [www.greenalberta.ca](http://www.greenalberta.ca)

E: [info@greenalberta.ca](mailto:info@greenalberta.ca)

P: 1.780.466.7616

TF: 1.866.430.7616

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### LEED®-NC Canada Product Compatibility – *Indirect Product Compatibility*

#### Energy & Atmosphere

Credit No.	Credit Name	Credit Requirements	Product Compatibility
Prerequisite 2 & Credit 1	Minimum and Optimal Energy Performance	Design the building to surpass either CBIP or ASHRAE energy performance standards for a building.	This product can aid in achieving this credit by adding thermal mass to the building as cladding or other large installation application. <i>*Dependent on Architect.</i>

#### Materials & Resources

Credit No.	Credit Name	Credit Requirements	Product Compatibility
2.1 & 2.2	Construction Waste Management: 50% & 75%	Divert 50% to 75% project construction waste from landfill	Manufacturer does not have a take back program, however due to the value of the product it is rarely sent to the landfill. <i>* Dependent on contractor.</i>

#### Indoor Environmental Quality

Credit No.	Credit Name	Credit Requirements	Product Compatibility
3.1	Construction IAQ management plan: During Construction.	"Materials that are potentially noxious should be identified by the project architect, and control measures specified, as described in the SMACNA guidelines." (CaGBC recommendation but NOT part of the required LEED submittals).	This product may off-gas a very small amount of Radon. <b>Third Party Testing TBA.</b> See more on RADON below. <i>* This is not part of LEED required submittals. * Dependent on architect.</i>
4.1	Low-Emitting Materials: Adhesives and Sealants	The VOC content of adhesives, sealants and sealant primers used must be less than the VOC content limits of the State of California's South Coast Air Quality Management District (SCAQMD) Rule #1168, October 2003.	The manufacturer does not have a specific recommended adhesive or sealant for this product. However, In order to meet the requirements of this credit the installer should use third party certified LOW VOC adhesives & sealants. <i>*Dependent on Installer.</i>

#### General Information related to Healthy Interiors:

##### **RADON:**

"Radon is a radioactive gas. It comes from the natural decay of uranium that is found in nearly all soils. It typically moves up through the ground to the air above and into your home through cracks and other holes in the foundation. This is the main concern for radon contamination. In a small number of homes, the building materials can give off radon, too. However, building materials rarely cause radon problems by themselves." – US EPA -

**Note:** Please Print Double Sided.

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