

# Leadership in Energy and Environmental Design

## How Imasco can contribute to LEED Credits

### What is LEED?

LEED stands for Leadership in Energy and Environmental Design and is the rating system used by the Canada Green Building Council. More information on LEED requirements can be found at [www.cagbc.org](http://www.cagbc.org).

The objective of the LEED program is to build by meeting high performance standards in environmental responsibility and energy efficiency.

### The LEED Rating System

The LEED green building rating system gives points in 6 major categories for a total of 70 points:

1. Sustainable Site
2. Water Efficiency
3. Energy and Atmosphere
4. Materials and Resources
5. Environmental Quality
6. Innovation and Design Processes

### Imasco Minerals and LEEDS

Imasco Minerals is an environmentally responsible manufacturer of exterior and interior wall systems and coatings.

By working with Imasco products you can help incorporate materials and design strategies to help qualify for LEED certification.



# The following outlines how Imasco Minerals contributes towards points in the LEED credit categories:

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## **Materials & Resources (MR) - Credit 2.1, 2.1 Construction Waste Management**

The intent is to divert construction, demolition and land-clearing debris from disposal in landfills and incinerators. Redirect recyclable recovered resources back to the manufacturing process. Redirect reusable materials to appropriate sites.

All of Imasco's pailed products are HDPE (high-density polyethylene) #2 which is recyclable.

## **Materials & Resources (MR) - Credit 4.1, 4.2 Recycled Content**

The choices for building materials are important in green building design because of the extensive network of extraction processing and transportation steps required and the ecological impacts of their eventual disposal. Recycled content building products contain feedstock materials recovered from industrial waste streams. The value of the recycled content is determined by dividing the weight of recycled content by the total weight and then multiplying the resulting percentage by the total cost of the item.

Imasco's cemetitious products contain Post Industrial (pre consumer) recycled content.

## **Materials & Resources (MR) - Credit 5.1, 5.2 Regional Materials**

Imasco Minerals' manufacturing plant conveniently has water access. Moreover Imasco Minerals produces white calcium carbonate fillers and aggregates that are produced from naturally occurring highly pure limestone deposits located on Vancouver Island. Our strict quality control prevents contaminants from contaminating the final product. The ground limestone can be used as a food additive and is listed in the generally Recognized As Safe (GRAS) substance listing. The Canadian Food and Drug Regulation recognize the use of ground limestone in foods, and lists this ingredient in the Food Chemical Codex. This white, highly pure calcium carbonate is also used in our EIFS formulations.

## **Indoor Environmental Quality (EQ) - Credit 4.2 Low Emitting Materials, Paints and Coatings**

All Imasco products exhibit low VOC levels that comply with Green Seal's Standards. The stucco finish is cement based. It does not contain mercury-based biocides, or lead-based pigments. These characteristics will improve air quality and promote a healthy environment.

# The following table explains how each Imasco product can help contribute to LEED points:

Product Category	Products	LEED Category	LEED Credit	Contribution Range
Cement Finishes	Premix, Premix 1000, Artisan	Regional Materials	MR 5.1	
			MR 5.2	1
		Low Emitting Materials	EQ 4.2	1

1. This presumes that the project site is within 800 km of where the product is manufactured/ harvested/ extracted/ recovered.

If further information is required, please contacts your IMASCO representative.

