



A Beginner's Guide To LEED®



LEED® Explained

Overview

The **LEED® (Leadership in Energy and Environmental Design) green building rating system** was originally developed by the US Green building Council (USGBC) to provide a recognized standard for the construction industry to assess the environmental sustainability of building designs. The **Canada Green Building Council (CaGBC)** has since adapted this rating system to the specific concerns and requirements of buildings in Canada.

LEED® certification provides independent, third party verification that a building, home or neighbourhood was designed and built using strategies aimed at achieving high performance in key areas of human and environmental health. LEED® is a point-based rating system.

The following types of projects may pursue certification by the CaGBC:

LEED® NC New Construction & Major Renovations	LEED® CS Core and Shell	LEED®-EBOM Existing Buildings: Operations & Maintenance
LEED®-CI Commercial Interiors	LEED®-ND Neighbourhood Development	LEED® for Homes

LEED® has four rating levels:

40 to 49 points:	Certified
50 to 59 points:	Silver
60 to 79 points:	Gold
80 or more points:	Platinum



To learn more about LEED®
please visit the CaGBC website at www.cagbc.org

LEED® Explained

There are a total of 110 points covering seven topic areas:

SS

Sustainable Sites

Minimize storm water run off, increase urban density and green space, encourage car pooling, bicycling, reduce heat island effect

WE

Water Efficiency

Reduce water consumption, minimize or treat waste water, eliminate site irrigation

EA

Energy & Atmosphere

Reduce building energy consumption, use renewable energy, effective refrigerant management to eliminate ozone depleting chemicals, mandatory commissioning of building systems

MR

Material & Resources

Minimize construction waste, reuse buildings and materials, use materials that are extracted and manufactured locally and materials with a high recycled content

IAQ

Indoor Air Quality

Use low-emitting materials, improve ventilation, incorporate daylighting strategies, thermal comfort

ID

Innovation in Design

Incorporate innovative environmental features not yet covered, exceed the requirements of a credit, use a LEED® accredited professional

RP

Regional Priority

Target issues of environmental importance depending on geographical location as well as designing and constructing more durable buildings

Marfab Products Contribute to LEED® Credits

MARFAB offers products that can contribute to a project's ability to achieve LEED certification under the **LEED-NC (New Construction and Major Renovations)** and **LEED-CS (Core & Shell)** 2009 rating. Third party analysis and validation of our products has been performed by Vertima to ensure product compliancy with the LEED® Rating System.



Call us for more information **905.660.3460**