

LEED

Leadership in Energy and Environmental Design

This document briefly explains the LEED program and how Tafisa’s particleboard Tafipan® and melamine panels Tafilam® can help you obtain LEED credits.

LEED is an internationally recognized green building certification system, providing third-party verification that a building or community was designed and built using strategies aimed at improving performance across all the metrics that matter most: energy savings, water efficiency, CO₂ emissions reduction, improved indoor environmental quality, and stewardship of resources and sensitivity to their impacts.

Developed by the U.S. Green Building Council (USGBC), LEED provides project managers and builders with a concise framework for identifying and implementing practical and measurable green building design, construction, operation and maintenance solutions.

This certification supports a whole-building approach to sustainability by recognizing high standard performance in the following categories:

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|  Sustainable Site Development (SS) |  Locations & Linkages (LL) |
|  Water Efficiency (WE) |  Awareness & Education (AE) |
|  Energy & Atmosphere (EA) |  Innovation in Design (ID) |
|  Materials & Resources (MR) |  Regional Priority (RP) |
|  Indoor Environmental Quality (IEQ) | |

To be awarded a LEED certification, a building project must be granted a minimum number of credits from an independent audit through the independent Green Building Certification Institute (GBCI.org) which classifies its rating as certified, silver, gold or platinum.

The Canadian division of the Green Building Council (CAGBC) promotes the LEED certification program but with a few minor adaptations that take into account Canadian climates, construction practices and regulations. Make sure to use the right version (U.S. or Canadian) depending on the location of your project.

Total possible credits using Tafisa’s panel	maximum 6 points
Total credits attainable	100 base points; 6 points ID; 4 points RP
Credits required to be LEED Certified	40 – 49 points
Credits required to achieve LEED Silver	50 – 59 points
Credits required to achieve LEED Gold	60 – 79 points
Credits required to achieve LEED Platinum	80 points and more

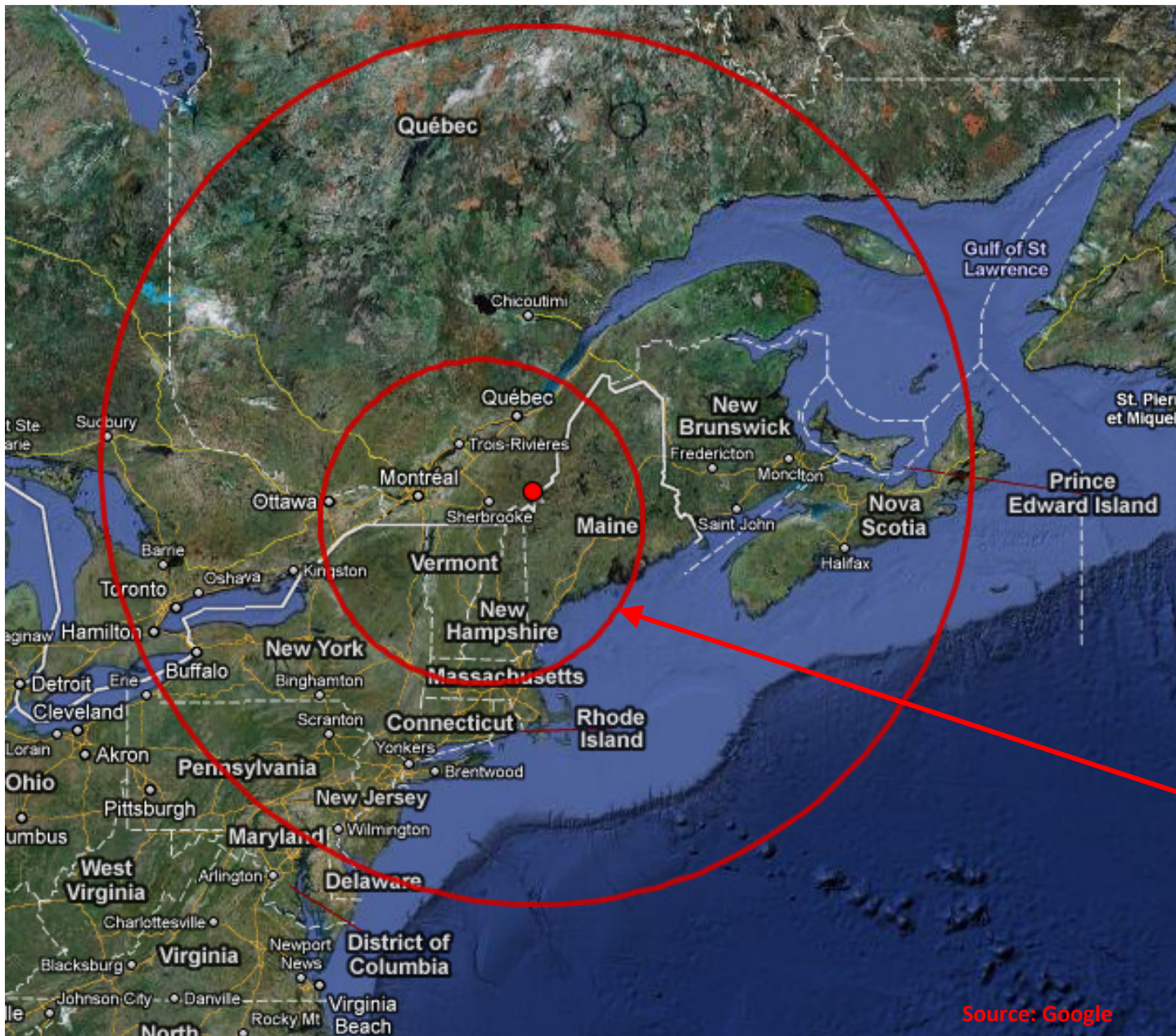
Note that the information in this text is based on the following LEED documentation:

- USA - LEED, New Construction & Major Renovation, version 2009.
- Canada - LEED® CANADA POUR LES NOUVELLES CONSTRUCTIONS ET LES RÉNOVATIONS IMPORTANTES, version 2009
- U.S. Green Building Council website (usgbc.org)
- Conseil du bâtiment durable du Canada website (cagbc.org)

OBTAIN UP TO 6 LEED POINTS

TAFIPAN[®] particleboards and TAFILAM[®] melamine panels and their “ECO” versions can help you obtain points for your LEED certification (Leadership in energy and environmental design)

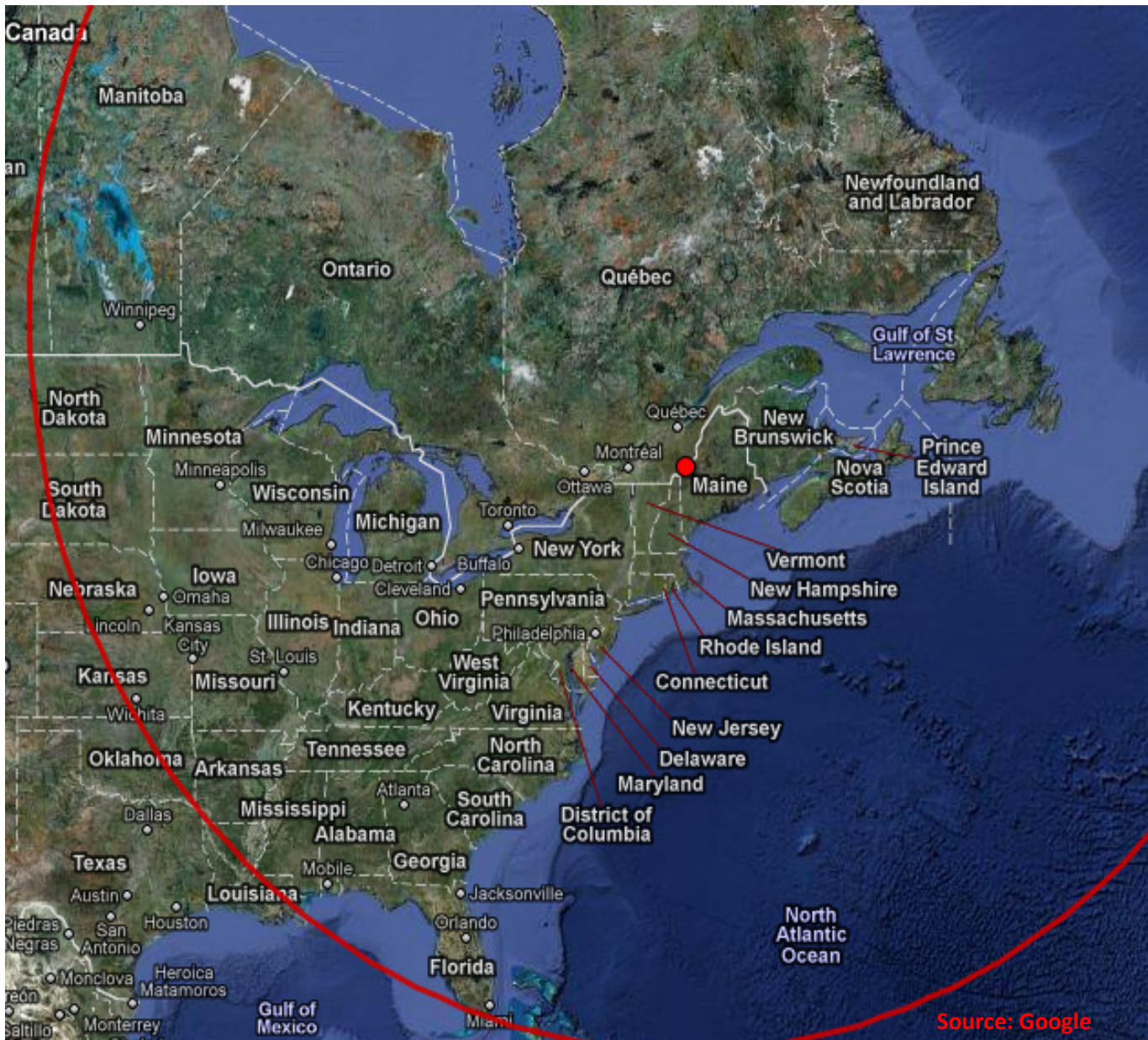
CATEGORIES	INTENT	REQUIREMENTS	POINTS	PARTICLEBOARD TAFIPAN [®] AND MELAMINE TAFILAM [®]
MATERIALS AND RESSOURCES MR Credit 4: RECYCLED CONTENT	Reduce impacts resulting from extraction and processing of virgin materials.	Use materials with recycled content such that the sum of postconsumer recycled content plus 1/2 of the post-consumer content constitutes at least 10% or 20%, based on cost, of the total value of the materials in the project.	At least 10% 1 point At least 20% 2 points	Urban/post-consumer recycled wood fibers: 30% Recovered/post-industrial recycled wood fibers: 70%
MATERIALS AND RESSOURCES MR Credit 5: REGIONAL MATERIALS	Support the use of indigenous resources and reduce the environmental impacts resulting from transportation.	Use building materials or products that have been extracted, harvested or recovered, as well as manufactured, within 500 miles (800 km) (2400 km for train shipments <i>(in the Canadian version only)</i>) of the project site for a minimum of 20% or 30%, based on cost, of the total materials value.	At least 20 % 1point At least 30 % 2 points (10% and 20% for the U.S. version)	All fibers used in Tafisa panels are locally-sourced from post-industrial and post-consumer wood recycling plants within an average of 220 km. All Tafisa panels are manufactured locally. Take a look at the map to see if your project is located within 500 miles of Tafisa’s plant.
MATERIALS AND RESSOURCES MR Credit 7: CERTIFIED WOOD	To encourage environmentally responsible forest management.	Use a minimum of 50% (based on cost) of wood-based materials and products that are certified in accordance with the Forest Stewardship Council’s principles and criteria, for wood building components.	1 point	Recovered and recycled post-industrial wood residues are used, which helps to stretch forest resources. Solid chain-of-custody wood fiber supply practices have also enabled Tafisa to secure the Forest Stewardship Council (FSC) Mixed Sources accreditation (SW-COC-003089). You have to specify “FSC panels” when placing your order. Please note that our ECO boards are automatically FSC certified.
INDOOR ENVIRONMENTAL QUALITY, IEQ - Credit 4.4: LOW-EMITTING MATERIALS—COMPOSITE WOOD AND AGRIFIBER PRODUCTS	To reduce the quantity of indoor air contaminants, which are odorous, irritating and/or harmful to the comfort and well-being of installers and occupants.	Composite wood and agrifiber products used for the interior of the building (i.e., inside the weatherproofing system) must contain no added urea-formaldehyde resins.	1 point	Non added urea-formaldehyde Tafipan-Eco [™] panels ensure reduced VOC emissions. Emitting as low as 0.01 ppm. Tafipan-Eco [™] received CARB ULEF designation (Executive order N-12-122)



CITIES WITHIN A 500 mile (800 km) RADIUS	NB km
Montreal	209
Portland, Maine	220
Chicoutimi, Quebec	317
Boston, Massachusetts	360
Ottawa, Ontario	377
Moncton, N-B	476
Chibougamau, Quebec	545
Halifax, Nova Scotia	584
Val d'Or, Quebec	596
New York	599
Rochester, N-Y	600
Gaspé, Quebec	609
Rouyn-Noranda, Quebec	685
Philadelphia, Pennsylvania	718
Sudbury, Ontario	789

Tafisa's supply radius

Source: Google



PROVINCES WITHIN A 1500 mile (2400 km) RADIUS for train shipments (Canadian version only)

Quebec
Ontario
New Brunswick
Prince Edward Island
Nova Scotia
Newfoundland
<i>Eastern, central and southern part of Manitoba</i>

Source: Google