

ECO-SOLUTIONS

LEED® Canada-NC 2009

LEED® NC 2009 v3.0 USGBC* (new constructions/major renovations)

Baillargeon **Extreme**

For **Extra** Heavy Duty Applications

CONSTRUCTION	8300 8500	8300AF 8500AF	7000	7600	6000	9300 9500
Total possible points	15 pts	16 pts	15 pts	15 pts	15 pts	15 pts
MR 3 (1-2 pts) Materials reuse	YES 1-2 pts	YES 1-2 pts	YES 1-2 pts	YES 1-2 pts	YES 1-2 pts	YES 1-2 pts
MR 4 (1-2 pts) Recycled content	YES 1-2 pts	YES 1-2 pts	YES 1-2 pts	YES 1-2 pts	YES 1-2 pts	YES 1-2 pts
MR 5 (1-2 pts) Regional materials	YES 1-2 pts	YES 1-2 pts	YES 1-2 pts	YES 1-2 pts	YES 1-2 pts	YES 1-2 pts
MR 6 (1 pt) Rapidly renewable materials	NO	YES 1 pt	NO	NO	NO	NO
MR 7 (1 pt) Certified wood (FSC)	YES 1 pt	YES 1 pt	YES 1 pt	YES 1 pt	YES 1 pt	YES 1 pt
IEQ 3.2 option 2 (1 pt) Indirect contribution IAQ management plan: Before occupancy	YES 1 pt	YES 1 pt	YES 1 pt	YES 1 pt	YES 1 pt	YES 1 pt
IEQ 4.4 (1 pt) Low-emitting materials: Composite wood and agrifiber products (ULEF/NAUF)	YES 1 pt	YES 1 pt	YES 1 pt	YES 1 pt	YES 1 pt	YES 1 pt
IEQ 8.1/IEQ 8.2 (1-2 pts) Daylight and views	According to specification and use of glass					
ID 1 Mode 2 (1-3 pts) Design innovation: Exemplary performance	YES 1-3 pts	YES 1-3 pts	YES 1-3 pts	YES 1-3 pts	YES 1-3 pts	YES 1-3 pts
RP 2 (1-3 pts) Regional priority	YES 1-3 pts	YES 1-3 pts	YES 1-3 pts	YES 1-3 pts	YES 1-3 pts	YES 1-3 pts

MR 3

Use **salvaged, refurbished or reused materials** such that the sum of these materials constitutes at least **5%** (1 point) or **10%** (2 points) based on cost, of the total value of **materials on the project**.

MR 4

Use materials with **recycled content** such that the sum of **post-consumer** recycled content plus half of the preconsumer content constitutes at least **10%** (1 point) or **20%** (2 points) based on cost, of the total value of the materials in the project. The recycled content value of a material assembly is determined by **weight**. The recycled fraction of the assembly is then multiplied by the cost of assembly to determine the recycled content value.

MR 5

Use building materials or products that have been **extracted, harvested, recovered and processed** within **500 miles (800 km) of the final manufacturing site**. In addition, in the U.S., a minimum of 10% to 20% must be based on the total value of the material. In Canada only, demonstrate that the **final manufacturing site** is within **500 miles (800 km) (2,400 km** if shipped by rail or water) of the **project site** for these products. If only a **fraction of a product** or material is **extracted, harvested, recovered, processed and manufactured locally**, then only that percentage (by weight) must contribute to the regional value. The minimum percentage of regional materials is **20% in Canada and 10% in the United States** (1 point) or **30% in Canada and 20% in the United States** (2 points).

MR 6

Use rapidly renewable building materials and products (made from plants that are typically harvested within a 10-year cycle or shorter) for **2.5%** of the total value of all building materials and products used in the project, based on cost. Furniture may be included if it is included consistently in MR 3: Materials Reuse through MR 7: Certified Wood.

MR 7

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 (FSC) Principles and Criteria**, for wood building components. These components include at a minimum structural framing and general dimensional framing, flooring, sub-flooring, wood doors and finishes. Include materials permanently installed in the project. Wood products purchased for temporary use on the project may be included in the calculation at the project team's discretion. If any such materials are included, all such materials must be included in the calculation. Furniture may be included if it is included consistently in MR 3: Materials Reuse through MR 7: Certified Wood (MR Credit 6 in Core and Shell).

IEQ 3.2 - Option 2

INDIRECT CONTRIBUTION

Air testing: Conduct baseline IAQ testing, after construction ends and **prior to occupancy**, using testing protocols consistent with the United States Environmental Protection Agency Compendium of Methods for the Determination of Air Pollutants in Indoor Air and as additionally detailed in the LEED® Canada Reference Guide for Green Building Design and Construction.

IEQ 4.4

Composite wood and agrifiber products used on the interior of the building (i.e., inboard side of the weatherproofing system and applied on-site) shall contain **no added urea-formaldehyde resins**. Laminating adhesives used to fabricate on-site and shop-applied composite wood and agrifiber assemblies **must not contain added ureaformaldehyde resins**. Composite wood and agrifiber products are defined as particleboard, medium density fiberboard (MDF), plywood, wheatboard, strawboard, panel substrates and door cores.

IEQ 8.1

To provide for the building occupants a connection between indoor spaces and the outdoors through the introduction of daylight into the regularly occupied areas of the building.

| Through 1 of the 4 following options achieve daylighting in at least **75%** of the regularly occupied spaces.

- Option 1: Simulation
- Option 2: Prescriptive
- Option 3: Measurement
- Option 4: Combination

IEQ 8.2

To provide for the building occupants a connection between indoor spaces and the outdoors through the introduction of views into the regularly occupied areas of the building.

| Achieve direct line of sight to the outdoor environment via vision glazing between 30 inches and 90 inches (0.76 metres and 2.3 metres) above the finished floor for building occupants in **90%** of all regularly occupied areas.

Baillargeon **Intense**

For **Heavy** Duty Applications

8600	8600AF
15 pts	16 pts
YES 1-2 pts	YES 1-2 pts
YES 1-2 pts	YES 1-2 pts
YES 1-2 pts	YES 1-2 pts
NO	YES 1 pt
YES 1 pt	YES 1 pt
YES 1 pt	YES 1 pt
YES 1 pt	YES 1 pt
According to specification and use of glass	
YES 1-3 pts	YES 1-3 pts
YES 1-3 pts	YES 1-3 pts

ID 1 - Mode 2

Achieve **exemplary performance** in an existing credit that allows exemplary performance as specified in the **LEED® Canada Reference Guide for Green Building Design and Construction**. An exemplary performance point may be earned for achieving double the credit requirements and/or achieving the next incremental percentage threshold of an existing credit in LEED®. One point is awarded for each exemplary performance achieved. No more than 3 points under ID 1 may be earned through Mode 2: Exemplary Performance.

RP 2

Up to 3 points can be proposed for this credit, which is intended to allow adding point emphasis to recognize one **OR** more issues that have additional regional environmental importance. To achieve a Regional Priority credit, the applicant must identify LEED credits which have additional regional environmental importance. **A project must achieve the base credit and then propose that credit as a Regional Priority credit.**

* Data not confirmed by Vertima

Note: The **IEQ 4.1** and **IEQ 4.2** credits only apply to products like adhesives, sealants, varnishes and stains used in the building.

Baillargeon **Light**

For **Standard** Duty Applications

8100	9100
15 pts	15 pts
YES 1-2 pts	YES 1-2 pts
YES 1-2 pts	YES 1-2 pts
YES 1-2 pts	YES 1-2 pts
NO	YES 1 pt
YES 1 pt	YES 1 pt
YES 1 pt	YES 1 pt
YES 1 pt	YES 1 pt
According to specification and use of glass	
YES 1-3 pts	YES 1-3 pts
YES 1-3 pts	YES 1-3 pts

Maximum contribution of Baillargeon products to LEED® Canada-NC 2009 and LEED® NC 2009 v3.0 USGBC*

CATEGORIES	Potential contribution
MR Materials and Resources	8 pts
IEQ Indoor Environmental Quality	2 pts
ID Innovation in Design	3 pts
RP Regional Priority	3 pts
Total	Up to 16 points possible

See our specification options in our spec sheets for specific information on the number of points possible.

Note that the contributions of custom doors will be provided upon request.

Baillargeon has all required documents related to LEED® certification and can therefore provide all information for a project. Please don't hesitate to contact us.



The mark of responsible forestry