

LEED INFORMATION - USA-NC 2.2

Baillargeon Doors Inc. firmly believes that its entire production line impacts people's lives and the health of the planet. Since 2004, we have recognized the significant increase in "LEED" projects, and we are committed to being among the industry's "green" leaders by continually seeking "green" materials and "green" suppliers, as well as improving our production capacity and processes as we move toward a sustainable and durable product line.

LEED CERTIFICATION

LEED certification provides independent, third-party verification that a building project meets the highest performance standards. The LEED plaque is recognized worldwide as proof that a building is environmentally responsible, profitable and a healthy place to live and work.

LEED is the nationally accepted benchmark for the design, construction and operation of high performance green buildings. LEED provides building owners and operators with the tools they need to have an immediate and measurable impact on their buildings' performance.

LEED-certified buildings:

- | Are leading the transformation of the built environment
- | Are built as designed and perform as expected
- | Have lower operating costs and increase asset value
- | Are healthy and comfortable for their occupants
- | Reduce waste sent to landfills
- | Conserve energy and water
- | Reduce harmful greenhouse gas emissions
- | Quality for tax rebates, zoning allowances and other incentives in hundreds of cities
- | Demonstrate an owner's commitment to environmental stewardship and social responsibility

LEED can be applied to every building type and phase of a building lifecycle. Specific programs exist for:

- | New commercial construction and major renovation projects
- | Existing building operations and maintenance
- | Commercial interiors projects
- | Homes
- | Neighborhood development
- | Schools, laboratories and health care facilities
- | And more to come...

Please contact us at 1 800 804-5666 for more information on how Baillargeon Doors' products can help you reach your LEED project goals. Ask for our marketing or quote department for details or a quote.

Reference: USA Green Building Council, LEED Version 2.2

LEED CERTIFICATION USA-NC 2.2	
Sustainable sites	14 Possible points
Water efficiency	5 Possible points
Energy & atmosphere	17 Possible points
Materials & resources	13 Possible points
Indoor environmental quality	15 Possible points
Innovation & design process	5 Possible points
Project total	69 Possible points
<i>The applicant's project must have a minimum number of points in 6 different categories.</i>	
26-32 points = Certified	39-51 points = Gold
33-38 points = Silver	52-69 points = Platinum

*See: LEED - USA-NC 2.2 Project Checklist for details on all points.

LEED CREDIT OPPORTUNITIES - USA-NC 2.2

LEED CATEGORY USA-NC 2.2 2008-02-11	CREDIT AND DESCRIPTION	REQUIREMENT	HOLLOW CORE	PARTICLE-BOARD CORE STANDARD	AGRIFIBRE CORE	STRUCTURAL COMPOSITE LUMBER LVL	STRUCTURAL COMPOSITE LUMBER LSL	FIRE-RATED DOORS MINERAL CORE
Materials and Resources (MR)	4.1 (1 pt) Recycled content: 10% (post-consumer+1/2 post-industrial)	Use materials with recycled content such that the sum of post-consumer recycled content plus one-half of the post-industrial content constitutes at least 10% (based on cost) of the total value of the materials in the project. The recycled content value of a material shall be determined by weight. The recycled fraction of the assembly is then multiplied by the cost of assembly to determine the recycled content value.	Does not qualify	1 pt	1 pt	Status Pending	Does not qualify	Does not qualify
	4.2 (1 pt) Recycled content: 20% (post-consumer+1/2 post-industrial)	Use materials with recycled content such that the sum of post-consumer recycled content plus one-half of the post-industrial content constitutes an additional 10% beyond MR Credit 4.1 (total of 20% , based on cost) of the total value of the materials in the project. The recycled content value of a material shall be determined by weight. The recycled fraction of the assembly is then multiplied by the cost of assembly to determine the recycled content value.	Does not qualify	1 pt	1 pt	Status Pending	Does not qualify	Does not qualify
	5.1* (1 pt) Regional materials: 10% Extracted, processed & manufactured regionally	Use building materials or products that have been extracted, processed and manufactured, within 500 miles (800 km) of the project site for a minimum of 10% (based on cost) of the total materials value. If only a fraction of a product or material is extracted/harvested/recovered and manufactured locally, then only that percentage (by weight) shall contribute to the regional value. 1500 miles (2400 km) if rail or water.	1 pt* (Project is within distance)	1 pt* (Project is within distance)	1 pt* (Project is within distance)	1 pt* (Project is within distance)	1 pt* (Project is within distance)	1 pt* (Project is within distance)
	5.2* (1 pt) Regional materials: 20% Extracted, processed & manufactured regionally	Use building materials or products that have been extracted, harvested or recovered, as well as manufactured, within 500 miles (800 km) of the project site for an additional 10% beyond MR Credit 5.1 (Total of 20%, based on cost) of the total materials value. If only a fraction of a product or material is extracted/harvested/recovered and manufactured locally, then only that percentage (by weight) shall contribute to the regional value. 1500 miles (2400 km) if rail or water.	1 pt* (Project is within distance)	1 pt* (Project is within distance)	1 pt* (Project is within distance)	1 pt* (Project is within distance)	1 pt* (Project is within distance)	1 pt* (Project is within distance)
	6 (1 pt) Rapidly renewable materials: 5%	Use rapidly renewable building materials and products (made from plants that are typically harvested within a ten-year cycle or shorter) for 5% of all building materials and products used in the project, based on cost. Consider materials such as bamboo, wool, cotton insulation, agrifibre, linoleum, wheatboard, strawboard and cork.	Does not qualify	Does not qualify	1 pt	Does not qualify	Does not qualify	Does not qualify
	7 (1 pt) Certified wood: 50% (FSC)	Use a minimum of 50% of wood-based materials and products, which are certified in accordance with the Forest Stewardship Council (FSC) Principles and Criteria, for wood building components. These components include, but are not limited to, structural framing and general dimensional framing, flooring, sub-flooring, wood doors and finishes. Only include materials permanently installed in the project.	1 pt (Specify FSC faces)	Does not qualify	1 pt (Specify FSC faces) FSC neutral core	1 pt (Specify FSC faces)	Does not qualify	1 pt (Specify FSC faces) FSC neutral core
Indoor Environmental Quality (IEQ)	4.4 (1 pt) Low-emitting materials: Composite wood & agrifibre products (UFF)	Composite wood and agrifibre products used on the interior of the building (defined as inside or the weatherproofing system) shall contain no added urea-formaldehyde resins (UFF). (Particleboard, Medium Density Fiberboard (MDF), plywood, wheatboard, strawboard, panel substrates and door cores.)	1 pt (Specify UFF faces)	Does not qualify	1 pt (Specify UFF faces)	1 pt (Specify UFF faces)	1 pt (Specify UFF faces)	1 pt (Specify UFF faces)
TOTAL	7		2 to 4* pts	2 to 4* pts	5 to 7* pts	2 to 4* pts	1 to 3* pts	2 to 4* pts




LEED - USA-NC 2.2 PROJECT CHECKLIST

Client: _____

Project: _____

Door type: _____

Date: _____

A	Unrelated to Baillargeon Doors - achievable
B	Unrelated to Baillargeon Doors - possibly achievable
C	Unrelated to Baillargeon Doors - achievable with difficulty
	Using Baillargeon Doors - achievable

Yes	?	No	SUSTAINABLE SITES		14 POINTS
	A		Prereq 1	Construction Activity Pollution Prevention	Required
	A		Credit 1	Site Selection	1
	B		Credit 2	Development Density & Community Connectivity	1
	C		Credit 3	Brownfield Redevelopment	1
	B		Credit 4.1	Alternative Transportation, Public Transportation Access	1
	B		Credit 4.2	Alternative Transportation, Bicycle Storage & Changing Rooms	1
	A		Credit 4.3	Alternative Transportation, Hybrid or Low-Emitting & Fuel-Efficient Vehicles	1
	A		Credit 4.4	Alternative Transportation, Parking Capacity	1
	C		Credit 5.1	Site Development, Protect or Restore Habitat	1
	C		Credit 5.2	Site Development, Maximize Open Space	1
	B		Credit 6.1	Stormwater Design, Rate and Quantity	1
	C		Credit 6.2	Stormwater Design, Quality Control	1
	A		Credit 7.1	Reduced Heat Island Effect, Non-Roof	1
	A		Credit 7.2	Reduced Heat Island Effect, Roof	1
	B		Credit 8	Reduced Light Pollution	1

			EFFICIENT WATER MANAGEMENT		5 POINTS
	A		Credit 1.1	Water Efficient Landscaping, Reduce by 50%	1
	B		Credit 1.2	Water Efficient Landscaping, No Potable Use or No Irrigation	1
	B		Credit 2	Innovative Wastewater Technologies	1
	A		Credit 3.1	Water Use Reduction, 20% Reduction	1
	A		Credit 3.2	Water Use Reduction, 30% Reduction	1

			ENERGY & ATMOSPHERE		17 POINTS
	A		Prereq 1	Fundamental Commissioning of Building Energy Systems	Required
	A		Prereq 2	Minimum Energy Performance	Required
	A		Prereq 3	CFC Reduction in HVAC&R Equipment	Required
	A		Credit 1	Optimized Energy Performance	1 to 10
	A		A	10.5% New Buildings or 3.5% Existing Building Renovations	1
	A		A	14% New Buildings or 7% Existing Building Renovations	2
	A		A	17.5% New Buildings or 10.5% Existing Building Renovations	3
	A		A	21% New Buildings or 14% Existing Building Renovations	4
	A		A	24.5% New Buildings or 17.5% Existing Building Renovations	5
	A		A	28% New Buildings or 21% Existing Building Renovations	6
	B		B	31.5% New Buildings or 24.5% Existing Building Renovations	7
	B		B	35% New Buildings or 28% Existing Building Renovations	8
	C		C	38.5% New Buildings or 31.5% Existing Building Renovations	9
	C		C	42% New Buildings or 35% Existing Building Renovations	10
	C		Credit 2	On-Site Renewable Energy	1 to 3
	C		C	2.5% Renewable Energy	1
	C		C	7.5% Renewable Energy	2
	C		C	12.5% Renewable Energy	3
	A		Credit 3	Enhanced Commissioning	1
	A		Credit 4	Ozone Layer Protection	1
	C		Credit 5	Measurement & Verification	1
	B		Credit 6	Green Power	1



LEED - USA-NC 2.2 PROJECT CHECKLIST

Yes	?	No			
			MATERIALS & RESOURCES		13 POINTS
	A		Prereq 1	Storage & Collection of Recyclables	Required
	C		Credit 1.1	Building Reuse, Maintain 75% of Existing Walls, Floors & Roof	1
	C		Credit 1.2	Building Reuse, Maintain 100% of Existing Walls, Floors & Roof	1
	C		Credit 1.3	Building Reuse, Maintain 50% of Interior Non-Structural Elements	1
	A		Credit 2.1	Construction Waste Management, Divert 50% from Landfills	1
	A		Credit 2.2	Construction Waste Management, Divert 75% from Landfills	1
	C		Credit 3.1	Materials Reuse, 5%	1
	C		Credit 3.2	Materials Reuse, 10%	1
	<input checked="" type="checkbox"/>		Credit 4.1	Recycled Content, 10% (post-consumer + 1/2 post-industrial)	1
	<input checked="" type="checkbox"/>		Credit 4.2	Recycled Content, 20% (post-consumer + 1/2 post-industrial)	1
	<input checked="" type="checkbox"/>		Credit 5.1	Regional Materials, 10% Extracted, Processed & Manufactured Regionally	1
	<input checked="" type="checkbox"/>		Credit 5.2	Regional Materials, 20% Extracted, Processed & Manufactured Regionally	1
	<input checked="" type="checkbox"/>		Credit 6	Rapidly Renewable Materials	1
	<input checked="" type="checkbox"/>		Credit 7	Certified Wood	1
			INDOOR ENVIRONMENTAL QUALITY		15 POINTS
	A		Prereq 1	Minimum IAQ Performance	Required
	A		Prereq 2	Environmental Tobacco Smoke (ETS) Control	Required
	A		Credit 1	Outdoor Air Delivery and Carbon Dioxide (CO ₂) Monitoring	1
	B		Credit 2	Increased Ventilation	1
	A		Credit 3.1	Construction IAQ Management Plan, During Construction	1
	A		Credit 3.2	Construction IAQ Management Plan, Before Occupancy	1
	A		Credit 4.1	Low-Emitting Materials, Adhesives & Sealants	1
	A		Credit 4.2	Low-Emitting Materials, Paints & Coatings	1
	A		Credit 4.3	Low-Emitting Materials, Carpets	1
	<input checked="" type="checkbox"/>		Credit 4.4	Low-Emitting Materials, Composite Wood & Agrifiber Products	1
	A		Credit 5	Indoor Chemical & Pollutant Source Control	1
	B		Credit 6.1	Controllability of Systems: Perimeter Spaces	1
	B		Credit 6.2	Controllability of Systems: Non-Perimeter Spaces	1
	B		Credit 7.1	Thermal Comfort, Compliance with ASHRAE 55-2004 Standard	1
	B		Credit 7.2	Thermal Comfort, Control	1
	B		Credit 8.1	Daylight & Views, Daylight in 75% of Spaces	1
	B		Credit 8.2	Daylight & Views, Views for 90% of Spaces	1
			INNOVATION & DESIGN PROCESS		5 POINTS
	A		Credit 1.1	Innovation in Design: Provide Specific Title	1
	A		Credit 1.2	Innovation in Design: Provide Specific Title	1
	B		Credit 1.3	Innovation in Design: Provide Specific Title	1
	B		Credit 1.4	Innovation in Design: Provide Specific Title	1
	A		Credit 2	LEED® Accredited Professional	1
			PROJECT TOTAL (PRE-CERTIFICATION ESTIMATES)		
26-32 points = Certified 33-38 points = Silver 39-51 points = Gold 52-69 points = Platinum					

