

LEED[®] Canada for Homes

What is LEED[®]?

Leadership in Energy and Environmental Design [LEED] is a consensus-based program developed by the U.S. Green Building Council to define and document a standard that improves environmental and economic performance of commercial buildings using established and/or advanced industry principles, practices, materials and standards. It is a voluntary performance-oriented system where points are earned for satisfying the criteria.

To earn certification, a building project must meet certain prerequisites and performance benchmarks ["credits"] within each category. Although USGBC does not certify, promote, or endorse products of individual companies, products do play a role and can help projects with point achievement.

The choice of Mirage Floors can help contribute to fulfilling the requirements of each credit.

Mirage, a commitment to Sustainable Building

From the very beginning, Mirage's corporate values and strategies have been geared toward sustainable development, even though the term itself was still largely unknown. Mirage is worried about the planet and its riches, want to contribute to community's economic development, and is more concerned than ever with securing the best possible quality of life for fellow citizens today and tomorrow.

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The **LEED Canada for Homes** rating system applies to new construction and major renovations of commercial and institutional buildings, i.e., buildings regulated by Part 3 of the National Building Code. It also applies to retail, mid- and high-rise multi-unit residential buildings (MURBs), public assembly buildings, manufacturing plants, and other types of buildings.

LEED [®] Canada for Homes Rating System				
Categories		Prerequisites	Credits	Points
ID	Innovation and Design Process	3	0	11
LL	Location & Linkages	0	0	10
SS	Sustainable Sites	2	5	22
WE	Water Efficiency	1	3	15
EA	Energy & Atmosphere	2	0	38
MR	Materials & Resources	3	2	16
IEQ	Indoor Environmental Quality	7	6	21
AE	Awareness and Education	1	0	3
Total		19	16	136

Mirage Engineered Contribution to LEED [®] Canada for Homes		
Categories		Potential Contribution
ID	Innovation and Design Process	1 point
LL	Location & Linkages	0 point
SS	Sustainable Sites	0 point
WE	Water Efficiency	0 point
EA	Energy & Atmosphere	0 point
MR	Materials & Resources	1.5 points
IEQ	Indoor Environmental Quality	0 point
AE	Awareness and Education	0 point
Total		Up to 2.5 points

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Mirage Engineered Floors Contribution to LEED[®] Canada for Homes

Credits	Sustainable Strategies	Durable components	Potential Points	Credit Relevance	Credits Requirements	Mirage Engineered Floors Contribution
MRp2.1	FSC-Certified Tropical Woods		Prerequisite	Direct	The builder needs to present the wood suppliers notice to the Green Rater and to sign an Accountability Form confirming that no tropical woods were used except those that were FSC-certified and the country of manufacture of each wood product supplied.	Mirage can provide all necessary information to clients and help them satisfy the prerequisite requirements. All woods used for Mirage Engineered Floors are compliant, except Cabreuva, Jatoba and Sapele.
MR 2.2	EPP* specifications	Flooring (45% of total floor area)	0.5	Direct	Linoleum, Cork, bamboo, FSC-Certified or reclaimed wood, sealed concrete, recycled-content flooring, or combination.	Mirage Engineered Floors made with Maple, Yellow Birch, Red Oak, White Oak, American Cherry, American Walnut and Hickory wood species are FSC-certified and can contribute to these criteria. FSC Certificate number: SW-COC-002199
	EPP* specifications	Flooring (90% of total floor area)	0.5	Direct		
	Emissions specifications	100% hard surfaces flooring	0.5	Direct	Hard flooring: additional 1/2 point for 100% hard surfaces flooring.	Mirage Engineered Floors can contribute to the criterion for hard surfaces flooring.
	Emissions specifications	FloorScore Certified hard flooring	0	Direct	Hard flooring: additional 1/2 point for using a product that is SCS FloorScore Certified.	Mirage Engineered Floors can't contribute to this criterion as they are not FloorScore Certified.
	Emissions specifications	Other : Adhesives and Sealants	Not applicable	Direct	Use products that meet the low-emissions standards of the South Coast Air Quality Management District (SCAQMD) Rule No.1168 .Wood flooring adhesives VOC limit, as of January 2005, is 100 g/L.	This criterion doesn't apply to Mirage Engineered Floors : adhesives in the product have less than the 100 g/L VOC, but they are used at the plant, so exclude these credit requirements. Adhesives used for the installation have to be selected by the sub-contractor in response to the VOC limits.

*EPP: Environmentally Preferable Products

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Mirage Engineered Floors Contribution to LEED[®] Canada for Homes

Credits	Sustainable Strategies	Durable components	Potential Points	Credit Relevance	Credits Requirements	Contribution and compliance of Mirage Floors
MR 2.2	Local production	Flooring (45% of total floor area)	0	Direct	Use products that were extracted, processed, and manufactured within 500 miles (800 km) of the home if moved by truck or within 1500 miles (2400 km) if moved by train or rail.	Mirage Engineered Floors can contribute to the local production criteria, but compliance needs to be confirmed for every project's location and Mirage providers. Mirage manufacturers are located in Saint-Georges, Quebec.
	Local production	Flooring (90% of total floor area)	0	Direct		
ID 3.1	Innovative or Regional Design		1	Direct/ Indirect	Prepare a written Innovative Design Request explaining the merits of the proposed measures.	Mirage Engineered Floors can contribute to an innovative design credit.
Total			2.5	Mirage Engineered Floors can contribute to 1 prerequisite and (2.5) points for LEED[®] Canada for Homes projects.		