

# USGBC LEED<sup>®</sup> for Homes

## What is LEED<sup>®</sup>?

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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**LEED for Homes** is a rating system that promotes the design and construction of high-performance green homes. A green home uses less water, energy and natural resources, creates less waste, and is healthier and more comfortable for occupants. Benefits of a LEED home include lower energy and water bills; reduced greenhouse gas emissions; and less exposure to mold, mildew and other indoor toxins. The net cost of owning a LEED home is comparable to that of owning a conventional home.

USGBC LEED <sup>®</sup> 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
<b>Total</b>		<b>19</b>	<b>16</b>	<b>136</b>

Mirage Classic Contribution to LEED <sup>®</sup> for Homes (USGBC)		
Categories		Potential Contribution
ID	Innovation and Design Process	<b>1 point</b>
LL	Location & Linkages	0 point
SS	Sustainable Sites	0 point
WE	Water Efficiency	0 point
EA	Energy & Atmosphere	0 point
MR	Materials & Resources	<b>2.5 points</b>
IEQ	Indoor Environmental Quality	0 point
AE	Awareness and Education	0 point
<b>Total</b>		<b>Up to 3.5 points</b>

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## Mirage Classic Floors Contribution to USGBC LEED® for Homes

Credits	Sustainable Strategies	Durable components	Potential Points	Credit Relevance	Credits Requirements	Mirage Classic 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 <b>no tropical woods were used except those that were FSC-certified</b> and the country of manufacture of each wood product supplied.	<b>Mirage</b> can provide all necessary information to clients and help them satisfy the prerequisite requirements. All woods used for <b>Mirage Classic Floors</b> are compliant, <b>except Jatoba and Tigerwood</b> .
MR 2.2	EPP* specifications	Flooring (45% of total floor area)	0.5	Direct	Linoleum, Cork, bamboo, <b>FSC-Certified</b> or reclaimed wood, sealed concrete, recycled-content flooring, or combination.	<b>Mirage Classic Floors can contribute</b> to the EPP specifications criteria for <b>FSC-Certified</b> or reclaimed wood for <b>Maple, Yellow Birch and Red Oak</b> species. <b>FSC Certificate number: SW-COC-002199</b>
	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 <b>100% hard surfaces flooring</b> .	<b>Mirage Classic Floors can contribute</b> 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 <b>SCS FloorScore Certified</b> .	<b>Mirage Classic Floors can't contribute</b> 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 <b>South Coast Air Quality Management District (SCAQMD) Rule No.1168</b> .Wood flooring adhesives VOC limit, as of January 2005, is 100 g/L.	This criterion <b>doesn't apply to Mirage Classic Floors</b> as the product doesn't contain adhesives and doesn't need adhesives for the installation.

\*EPP: Environmentally Preferable Products

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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)	0.5	Direct	Use products that were <b>extracted, processed, and manufactured</b> within <b>500 miles</b> (800 km) of the home.	<b>Mirage Classic Floors</b> can contribute to the local production criteria, but compliance needs to be confirmed for every project's location and <b>Mirage</b> providers. <b>Mirage manufacturers are located in Saint-Georges, Quebec.</b>
	Local production	Flooring (90% of total floor area)	0.5	Direct		
ID 3.1	Innovative or Regional Design		1	Direct/ Indirect	Prepare a written Innovative Design Request explaining the merits of the proposed measures.	<b>Mirage Classic Floors</b> can contribute to an innovative design credit.
<b>Total</b>			<b>3.5</b>	<b>Mirage Classic Floors can contribute to 1 prerequisite and (3.5) points for LEED<sup>®</sup> for Homes projects.</b>		