

LEED® for Homes (USGBC)



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.

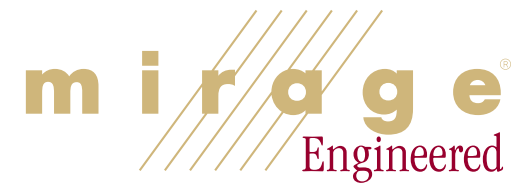
The choice of Mirage Floors can help contribute to fulfilling the requirements of LEED credits.

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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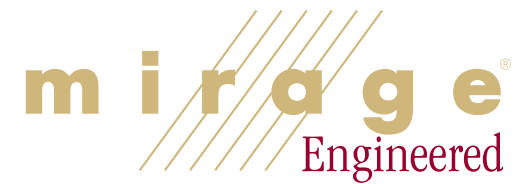
LEED for Homes is a rating system that promotes the design and construction of high-performance green homes. A green home uses less energy, water and natural resources, creates less waste, and is healthier and more comfortable for occupants. Benefits of a LEED home include lower energy and water bills; 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® 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® for Homes (USGBC)		
Categories		Potential Contribution
ID	Innovation and Design Process	1 point
LL	Location & Linkages	0 points
SS	Sustainable Sites	0 points
WE	Water Efficiency	0 points
EA	Energy & Atmosphere	0 points
MR	Materials & Resources	1.5 points
IEQ	Indoor Environmental Quality	0 points
AE	Awareness & Education	0 points
Total		Up to 2.5 points



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Mirage Engineered Floors Contribution to LEED® for HOMES (USGBC)

LEED-H Credits	Sustainable Strategies	Durable Component	Potential points	Credit Relevance	Credit requirements	Contribution and compliance of Mirage Floors
MR 2.1	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, Koubari 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, Birch and Oak wood species are FSC-certified and can contribute to these criteria.
	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	0	Non-applicable	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.



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LEED-H Credits	Sustainable Strategies	Durable Component	Potential points	Credit Relevance	Credit requirements	Contribution and compliance of Mirage Floors
MR2.2	Local production	Flooring (45% of total floor area)	0	Direct	Use products that were extracted, processed, and manufactured within 800 km (500 miles) of the home.	Mirage Engineered Floors can't contribute to the local production criteria, as the plywood used comes from Europe. Mirage Floors manufacturers are located in St-Georges, Canada .
	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® for Homes projects.		

* EPP Environmentally Preferable Products

