

[ LEED ]



The Unique Reflection of Quality

## 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. Projects are awarded Certified, Silver, Gold, or Platinum certification depending on the number of points they achieve.

Although USGBC does not certify, promote, or endorse products of individual companies, products do play a role and can help projects with point achievement. For each credit, a calculation is made, usually based on cost and combining all materials in the project. The choice of wood flooring can help contribute to fulfilling the requirements of each credit.

*“Building materials choices are important in sustainable design because of the extensive network of extraction, processing and transportation steps required to process them. Recycled content materials reuse waste products that would otherwise be deposited in landfills. Use of local materials supports the local economy and reduces the transportation cost. Because materials represent such a major portion of the budget for commercial interior projects—particularly because furniture and furnishings are included—there is considerable opportunity to make a positive impact.”*

U.S. GREEN BUILDING COUNCIL [USGBC]

## Mirage vs LEED

Credits	mirage <sup>®</sup> Classic		mirage <sup>®</sup> Engineered		mirage <sup>®</sup> Lock
			2-9/16" – 3-5/16"	5"	
MR 4.1 and 4.2	–	–	–	–	30% of the value
MR 5.1 and 5.2 <sup>1</sup>	100%	40%	30%	30%	Up to 100%

<sup>1</sup> Considering that the requirements of the credits 5.1 and 5.2 are met [refer to page 3 of the present document for all details].

**MR 4.1 – RECYCLED CONTENT [POST-CONSUMER + PRE-CONSUMER]**

1 POINT

**Requirements**

Use materials with recycled content such that the sum of post-consumer recycled content plus one-half of the pre-consumer content constitutes at least 10% [based on cost] of the total value of the materials in the project.

**Requirements in Canada**

Use materials with recycled content such that the sum of post-consumer recycled content plus one-half of the pre-consumer content constitutes at least 7.5% [based on cost] of the total value of the materials in the project.

**MR 4.2 – RECYCLED CONTENT [POST-CONSUMER + PRE-CONSUMER]**

1 POINT IN ADDITION TO MR 4.1

**Requirements**

Use materials with recycled content such that the sum of post-consumer recycled content plus one-half of the pre-consumer 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.

**Requirements in Canada**

Use materials with recycled content such that the sum of post-consumer recycled content plus one-half of the pre-consumer content constitutes an additional 7.5% beyond MR Credit 4.1 [total of 15%, based on cost] of the total value of the materials in the project.

**Note:** The recycled content value of a material assembly shall be determined by weight. The recycled portion of the assembly is then multiplied by the cost of assembly to determine the recycled content value.



## How can Mirage contribute?

Our Lock product is made of 75% of HDF [based on weight]. Approximately 80% of this HDF is made of pre-consumer material. Half of this 80% of 75% of the flooring value can therefore be figured into the recycled content calculation.

### MR 5.1 – REGIONAL MATERIAL 10% EXTRACTED AND MANUFACTURED REGIONALLY

1 POINT

#### Requirements

Use building materials or products that have been extracted, harvested or recovered, as well as manufactured, within 500 miles [805 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.

#### Requirements in Canada

Use a minimum of 10% of building materials or products for which at least 80% of the mass is extracted, processed and manufactured, within 500 miles [805 km] of the project site. OR, use a minimum of 10% of building materials or products for which at least 80% of the mass is extracted, processed and manufactured, within 1,500 miles [2,414 km] of the project site, and shipped by rail or water. OR, a combination of both.

### MR 5.2 – REGIONAL MATERIAL 20% EXTRACTED AND MANUFACTURED REGIONALLY

1 POINT IN ADDITION TO MR 5.1

#### Requirements

Use building materials or products that have been extracted, harvested or recovered, as well as manufactured, within 500 miles [805 km] of the project site for an additional 10% [total of 20%, based on cost] of the total materials value.

#### Requirements in Canada

Use an additional of 10% [total of 20%, based on cost] of building materials or products for which at least 80% of the mass is extracted, processed and manufactured, within 500 miles [805 km] of the project site. OR, use an additional 10% of building materials or products for which at least 80% of the mass is extracted, processed and manufactured, within 1,500 miles [2,414 km] of the project site, and shipped by rail or water. OR, a combination of both.





## How can Mirage contribute?

If the project site is within 500 miles [805 km] or 1,500 miles [2,414 km] shipped by rail or water from St-Georges [see the map, Appendix 1], the North American species that we offer could be included in the calculation of the regional material [depending on their availability within 500 miles [805 km] or 1,500 miles [2,414 km] shipped by rail or water from the project site]. 100% of the value of the Classic product can contribute to this credit. The Engineered product 3-5/16" and 2-9/16" can contribute for 40%, the Engineered product 5" for 30%. The Lock product can contribute for up to 100% of its value. Again, it depends on the project site location.

## Responsible environmental management

Boa-Franc, the parent company of Mirage brand flooring, is an FSC [Forest Stewardship Council] Chain-of-custody certified manufacturer.

### What is FSC?

FSC is a nonprofit organization devoted to encouraging the responsible management of the world's forests. FSC sets high standards that ensure forestry is practiced in an environmentally responsible, socially beneficial, and economically viable way. Landowners and companies that sell timber or forest products seek certification as a way to verify to consumers that they have practiced forestry consistent with FSC standards.



SW-COC-002199 / The FSC trademark identifies products from well-managed forests © 1996 Forest Stewardship Council A.C.

### Chain-of-custody certification

Precarious supplies of raw materials combined with consumer forest preservation concerns have spurred Boa-Franc toward further environmental consciousness. Our company has been COC certified [Chain-of-custody] since 2002, meaning that we have been granted rights to the FSC® seal [Forest Stewardship Council] for our products. This trademark is a solid guarantee that wood used in the manufacturing process comes from certified producers dedicated to meeting healthy forestry management standards.

Chain-of-custody [COC] certification provides a guarantee to consumers that any product with the FSC label can be tracked back to an FSC approved source.

COC certification is applicable to companies or individuals involved in all successive stages of processing, transformation, trading, manufacturing and distribution of products carrying the FSC label.



# APPENDIX 1 – MAP [500 mile and 1,500 mile radius [shipped by rail or water]]

