

The data below is based on information provided by our manufacturer, Landmark USA. Archatrak believes that a number of our products can be used to generate LEED points. However, we understand that only the U.S. Green Building Council (USGBC) or GBCI (Green Building Certification Institute) is qualified to award points and grant LEED certification based on their current Green Building Rating System. As such, Archatrak Inc. does not guarantee that any of its products will earn LEED points but is willing to share the summarized information below from our manufacturers to help you through the ever-changing process. Please consult with a sales representative for further details on your product selection.

## MR Credit

### Building Product Disclosure And Optimization

## Materials & Resources

**Intent:** To encourage the use of products and materials for which life-cycle information is available and that have environmentally, economically, and socially preferable life-cycle impacts. To reward project teams for selecting products from manufacturers who have verified improved environmental life-cycle impacts.

### Option 1: EPD Environmental product declaration ( 1 point )

The manufacturer is required to have a certified and valid EPD declaration, in which the manufacturer is explicitly recognized by the Program Operator as a participant in the program.

This credit is applicable for all ceramic products manufactured by the organization.

### Option 2: Multi-attribute optimization ( 1 point )

Use products that comply with one of specified criteria for 50%, by cost, of the total value of permanently installed products in the project.

This credit is applicable for all ceramic products manufactured by the organization.

### Source Of Raw Materials

**Intent:** To encourage the use of products and materials for which life cycle information is available and that have environmentally, economically, and socially preferable life cycle impacts. To reward project teams for selecting products verified to have been extracted or sourced in a responsible manner.

This credit is applicable for all ceramic products manufactured by the organization.

### Material Ingredients

**Intent:** To encourage the use of products and materials for which life-cycle information is available and that have environmentally, economically, and social preferable life-cycle impacts. To reward project teams for selecting products for which the chemical ingredients in the product are inventoried using an accepted methodology and for selecting products verified to minimize the use and generation of harmful substances. To reward raw material manufacturers who produce products verified to have improved life-cycle impacts.

This credit is applicable for all ceramic products manufactured by the organization.

## EQ Credit

### Low-Emitting Materials

## Indoor Environmental Quality

**Requirement:** This credit includes requirements for product manufacturing as well as project teams. It covers volatile organic compound (VOC) emissions into indoor air and the VOC content of materials, as well as the testing methods by which indoor VOC emissions are determined. Different materials must meet different requirements to be considered compliant for this credit.

This credit is applicable for all ceramic products manufactured by the organization.

# SS Credit

## Heat Island Reduction

# Sustainable Sites

**Intent:** To minimize effects on microclimates and human and wildlife habitats by reducing heat islands.

**Non Roof:** Use paving materials with a three-year aged solar reflectance (SR) value of at least 0,28. If three-year aged value information is not available, use materials with an initial SR of at least 0,33 at installation.

**Roof Use:** Roofing materials that have an SRI equal to or greater than the values in Table 1 which meet the three-year aged SRI value. If three-year aged value information is not available, use materials that meet the initial SRI value.

TYPE	SLOPE	Initial SRI	SRI After 3 Years
Low Slope Roof	≤ 2:12	82	64
Steep Slope Roof	> 2:12	39	32

## SRI Values of Selected Pavers

NAME	POINTS	LEED Credit
Marble Glacial White	75	Passed
Coral	70	Passed
Limestone	69	Passed
Riverstone	52	Passed
Hyalite	40	Passed
Slate Nero	21	Did Not Pass

This credit is applicable for all ceramic products manufactured by the organization.

## Minimum Recycled Content - Sourcing of Raw Materials

# Products In Compliance With Credit

“Building product disclosure and optimization – Source of raw materials”.

\*\*\*Available from Archatrak

COLOR	Percent
Marble Glacial White	>10%
Slate Nero	>10%
Coral	>20%
Hyalite	>20%
Riverstone	>20%
Walnut	>20%

\*\*\*Available from Landmark USA

COLOR	Percent
Blue Select	>10%
Full Color	>10%
Multicolor Dark	>20%
Pepper	>20%
Cosmos	>20%
Flagstone Brown	>20%
Flagstone Pink-Tan	>20%
Multicolor	>20%
Absolute	>20%