Green Building Program Documentation

ErectaStep – Industrial Metal Stairs & Platforms

# Section 1: LEED BD+C v4.1 Credit Applicability and Language

**Direct Credit Contributions:**

## Material and Resources (MR) Credits:

### Credit: Sourcing of Raw Materials (1-2 Points)

*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.*

*Recommended Language:*

thi

***Recycled Content:*** *ErectaStep Industrial Metal Stairs & Platforms are constructed of marine grade Aluminum, which includes the following recycled content\*:*

|  |  |  |  |
| --- | --- | --- | --- |
| **Aluminum Alloy** | **Total Recycled Content** | **Pre-Consumer Content** | **Post-Consumer Content** |
| 6061 | >99% | 0.33% | 0.67% |
| 6063 | <50% | <0.33% | <0.67% |

*\* Contact manufacturer for more information specific to your order.*

### Credit: Material Ingredients

*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 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.*

Option 1. Material Ingredient Reporting (1 Point)

*Recommended Language:*

thi

*ErectaStep has a published and complete Health Product Declaration (HPD) with full disclosure of known hazards of all substances present at or above 0.1% (1000 ppm) in compliance with the Health Product Declaration Open Standard. When installed as a permanent component of a building, the ErectaStep system contributes one whole product to the 20 different permanently installed products required for this credit.*

Indoor Environmental Quality (EQ) Credit:

### Credit: Low-Emitting Materials (Up to 3 Points)

*Intent: To reduce concentrations of chemical contaminants that can damage air quality and the environment, and to protect the health, productivity, and comfort of installers and building occupants.*

*Recommended Language:*

thi

*ErectaStep is an inherently non-emitting source of VOCs, as defined by LEED®. When used in the interior of a project, ErectaStep can contribute to the requirement that a portion of materials on the building interior meet the low-emitting criteria of this credit.*

**Indirect Credit Contributions:**

## Material and Resources (MR) Credits:

### Credit: Building Life-Cycle Impact Reduction

*Intent: To encourage adaptive reuse and optimize the environmental performance of products and materials.*

Option 1. Building and Material Reuse

Path 1. Maintain Interior Non-Structural Elements (1 Point)

*Recommended Language:*

thi

*ErectaStep Industrial Metal Stairs & Platforms are constructed of marine-grade Aluminum that ensures a long lifespan, allowing the systems to be repurposed within a building, and reused in new projects. ErectaStep systems can therefore help project teams wishing to pursue this credit path by contributing to the >30% of existing nonstructural elements used in the building.*

Credit: Construction and Demolition Waste Management (Possible 2 Points)

*Intent: To reduce construction and demolition waste disposed of in landfills and incineration facilities through waste prevention and by reusing, recovering, and recycling materials, and conserving resources for future generations. To delay the need for new landfill facilities that are often located in frontline communities and create green jobs and materials markets for building construction services.*

*Recommended Language:*

thi

*ErectaStep Industrial Metal Stairs & Platforms are discrete systems ordered for each space, thereby reducing or eliminating any excess materials at the jobsite. Furthermore, 10% of ErectaStep packaging is recyclable, and thus can help achieve established goals for waste diversion, including Option 1 of this credit.*