



LEED PRODUCT INFORMATION

The Simplex Isolation product line can contribute toward the satisfaction of 3-4 LEED Credits under the 'New Construction and Major Renovation' and 'Existing Building Operation & Maintenance' rating systems.

The contributions are divided into two distinct sections of the LEED Rating Systems and effect specific Prerequisites and Credits. ("*LEED 2009 for New Construction and Major Renovations*") They are as follows:

1) Energy and Atmosphere (EA)

The specific LEED contributions to Energy and Atmosphere Section include:

EA Prerequisite 2 – Minimum Energy Performance

Intent

To establish the minimum level of energy efficiency for the proposed building and systems to reduce environmental and economic impacts associated with excessive energy use.

Requirement

Demonstrate a 10% improvement in the proposed building performance rating for new buildings, or a 5% improvement in the proposed building performance rating for major renovations to existing buildings, compared with the baseline building performance rating.

EA Credit 1 Optimize Energy Performance

Intent

To achieve increasing levels of energy performance beyond the prerequisite standard to reduce environmental and economic impacts associated with excessive energy use.

Requirement

Demonstrate a percentage improvement in the proposed building performance rating compared with the baseline building performance rating. Calculate the baseline building performance according to Appendix G of ANSI/ASHRAE/IESNA Standard 90.1-2007

2) Materials and Resources (MR)

The Simplex Isolation System is primarily composed of two materials that are high in recycled content. Please see below for the percentages of each material. The specific LEED contribution to Materials and Resources Section include:

MR Credit 4 Recycled Content

Intent

To increase demand for building products that incorporate recycled content materials, thereby reducing impacts resulting from extraction and processing of virgin materials.

Requirements

Use materials with recycled content such that the sum of post consumer recycled content plus 1/2 of the pre consumer content constitutes at least 10% or 20%, based on cost, of the total value of the materials in the project.

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