



LEED v4.1 Material Resources (MR)

MRc5 Construction and Demolition Waste Management for AEP Span

Applicable Credits:

MRc5.1 OPTION 1. Diversion: AEP Span products are made from steel and are 100% recyclable. Metal is a common waste stream identified by projects seeking this option.

MRc5.2 OPTION 2. Waste Prevention: AEP Span panels come in a range of standard widths and custom lengths. Incorporating standard material lengths or sizes into the project's design will help reduced material waste. In addition, AEP Span products are manufactured on a "cut-to-size" bases at the plant, eliminating waste at the job site. The aesthetic qualities of AEP Span products are also an added benefit as it contributes to the architectural feature of a building, reducing the overall material used.

Notable References:

(Option 1) This credit rewards a project for diverting waste from the landfill. Total diversion rates of 50% of the total construction and demolition materials from landfills and incineration facilitates to earn 1 point.

- The concept of individual waste streams is new to LEED v4.
- As a best practice, a material stream should constitute at least 5% by weight or volume of total diverted materials. It is typical practice to prioritize waste streams based on those materials that weigh the most, making steel a viable candidate for an individual waste stream.

(Option 2) This credit rewards a project for reduction of total waste material (1-2 points). Follow instructions from the v4 Reference Guide with the following modifications:

- Projects can document waste prevention techniques undertaken on the project to earn up to 2 points.
- To calculate the projects' total waste, include all materials generated from the project and sent offsite for recycling, diversion, landfill, incineration, or other uses. Exclude hazardous materials, land-clearing debris, and onsite reused materials from the generation numbers.