

**LEED v4.1 Material and Resources (MR)
MRc5 Construction and Demolition Waste Management**

Applicable Credits:

MRc5.1 Option 1. Diversion: ASC Steel Deck 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: The structural strength of ASC Steel Deck relative to its light weight and shear strength in combination with its ease of construction results in less material use and reduced material waste. In addition, ASC Steel Deck products are manufactured on a “cut-to-size” bases at the plant, eliminating waste at the job site. The aesthetic qualities of ASC Steel Deck are also an added benefit which can reduce overall material use when the product is used as an exposed finish.

Notable References:

(Option 1) This credit rewards a project for diverting waste from the landfill. Following a plan that diverts at least 50% of the total construction and demolition material from landfills and incineration facilitates. Earns 1 point.

(Option 2) This credit rewards a project for preventing waste through reuse and source reduction design strategies. Track all materials generated by the project from start of construction through project completion to diverted materials in the calculation of total project waste. Exclude hazardous materials and land-clearing debris from calculation.

Path 1. Generate less than 15 lbs./ft² (75 kg/m²) (1 point)

Path 2. Generate less than 10 lbs./ft² (50 kg/m²) (2 point)

- Prefabrication, modular construction, or incorporating standard material lengths or sizes into the project’s design are all examples of source reduction that will help reduce waste. Structural steel floor and roof deck are manufactured on a “cut-to-size” bases at the plant, contributing to the reduction of waste.