



**LEED v4.1 Material Resources (MR):
MRc1 Building Life-Cycle Impact Reduction for AEP Span**

Applicable Credits:

MRc1.2 OPTION 2. Whole-Building Life-Cycle Assessment (LCA) (1-4 points): This credit requires a life-cycle assessment of the project's structure and enclosure and demonstrate a reduction in at least three of six defined impact categories. The information provided in AEP Span's Environmental Product Declaration (EPD) can be used in an LCA model to assess the impact of our products; alternatively, the LCA model may approach the use of metal roof and wall panels as a generic material category.

While every project is unique, the durability of metal roof and wall panels will likely have a positive impact on an LCA. Contact AEP Span for assistance with specific requirements for your project's LCA.

Notable Reference:

(Option 2) Whole-Building Life Cycle Assessment, is for new construction:

Life-Cycle Assessment (LCA), as it applies to buildings pursuing LEED, involves creating an inventory of the environmental impact associated with building materials' manufacture, transportation, use, and disposal.

- The LEED requirement for new construction is to conduct a life-cycle assessment of the project's structure and enclosure. There are four pathways to meet credit criteria. Each path must demonstrate a minimum reduction in at least three impact categories, one of which must be the global warming potential category.