



| v3 - LEED 2009

Building reuse - maintain existing walls, floors and roof

MRC1.1 | Possible 3 points

Glossary

Intent

To extend the life cycle of existing building stock, conserve resources, retain cultural resources, reduce waste and reduce environmental impacts of new buildings as they relate to materials manufacturing and transport.

Requirements

Maintain the existing building structure (including structural floor and roof decking) and envelope (the exterior skin and framing, excluding window assemblies and non-structural roofing material). The minimum percentage building reuse for each point threshold is as follows:

Hazardous materials that are remediated as a part of the project must be excluded from the calculation of the percentage maintained. Calculate the total area of existing exterior envelope and existing building structure to ensure that the credit goals have been met. Building materials demolished to create courtyards to increase daylighting may be counted as retained in calculations for this credit, provided that the new courtyards meet the requirements of IEQ Credit 8.2: Daylight and Views. If the project includes an addition that is more than 2 times the square footage of the existing building, this credit is not applicable.

Use only areas (square footage) to calculate the quantity of preserved materials. The area to be used in the denominator is the sum of all new and reused floor or roof area and the exterior envelope, including the ground floor, to account for slabs-on-grade and footings or the exterior wall area. The area to be used in the numerator is the sum of reused floor, roof or wall area.