LEED ID+C: Retail | v4 - LEED v4

Interiors life-cycle impact reduction

Possible 5 points

Glossary

Intent

To encourage adaptive reuse and optimize the environmental performance of products and materials.

Requirements

Option 1. interior reuse (2 points)

Reuse or salvage interior nonstructural elements for at least 50% of the surface area. Hazardous materials that are remediated as a part of the project must be excluded from the calculation.

OR

Option 2. furniture reuse (1 point)

Reuse, salvage, or refurbish furniture and furnishings for at least 30% of the total furniture and furnishings cost.

OR

Option 3. design for flexibility (2 points)

Conduct an integrative planning process to increase the useful life of the project space. Increase project space flexibility, ease of adaptive use, and recycling of building materials while considering differential durability and premature obsolescence over building design life and individual component service lives. Use at least three of the following strategies.

- Install accessible systems (floor or ceiling) for at least 50% of the project floor area to allow for flexible use of space and access to systems (under floor distribution systems) not entangled with other building systems.
- Design at least 50% of interior nonstructural walls, ceilings, and floors to be movable or demountable.
- Ensure that at least 50%, by cost, of nonstructural materials have integral labels (radio frequency identification, engraving, embossing, or other permanent marking) containing information on material origin, properties, date of manufacture, in compliance with Canadian Standards Association CSA Z782-06 Guideline for Design for Disassembly and Adaptability in Buildings.
- Include in at least one major component or systems purchase contract a clause specifying sub-contractor, vendor, or on site take back system.
- Ensure that at least 50% of nonstructural materials, by cost, are reusable or recyclable, as defined by the Federal Trade Commission Guide for Use of Environmental Marketing Claims, 260.7(d). [Canada ACP]
- Implement flexible power distribution (i.e., plug-and-play) systems for at least 50% of the project floor area so that lighting, data, voice, and other systems can be easily reconfigured and repurposed.
- Implement a flexible lighting control system with plug and play components such as wall controls, sensors, and dimming ballasts for a minimum of 50% of the lighting load. The system shall allow for reconfiguring and repurposing of luminaires and controls without rewiring such as having the capability to group and assign luminaires into zones and change those zones as needed. Also, the system shall be flexible so that as a space changes functions, the lighting levels can change to suit the needs of the space without rewiring or removing or adding luminaires.

Alternative Compliance Paths (ACPs)

Canada ACP - Environmental Claims

Projects in Canada may consider *Environmental Claims: A Guide for Industry and Advertisers* as an equivalent to the Federal Trade Commission Guide for Use of Environmental Marketing Claims, 260.7(d).