

The energy benefits and minimal environmental impacts that LOGIX wall systems provide play a significant role in construction projects seeking LEED certification. To assist building professionals and owners a table summarizing the potential LEED points that LOGIX can contribute is shown on the last page.

LEED projects utilizing LOGIX can potentially contribute 19 points for "Energy and Atmosphere Credit 1" under "LEED for New Construction and Major Renovations" (LEED NC 2009). In total, LOGIX can potentially contribute up to 27* (28* in Canada) of the 40 points required to gain LEED NC 2009 certification with four additional points for renovations that include existing LOGIX walls.

In the United States LOGIX can potentially contribute 30* of the 40 points required to gain LEED for Schools v3 certification.

BACKGROUND ON LEED

With the growing social awareness to design more energy efficient and environmentally friendly buildings, more and more building professionals and owners, are seeing the benefits of LEED certification for construction projects.

The LEED (Leadership in Energy & Environmental Design) green building rating system was created by the USGBC (US Green Building Council) in an effort to encourage energy efficient, sustainable and environmentally friendly buildings from design and construction to occupancy. Recently, CaGBC (Canadian Green Building Council) has adopted the LEED rating system with modifications to suit Canadian climates, construction and design practices.

Construction projects that have met a certain number of LEED requirements become LEED certified by the USGBC or CaGBC. In turn, LEED certified buildings can add more property value, and has a positive impact on public health and the environment.

The LEED-NC is the rating system used for new construction and major renovation projects. In Canada practitioners have also applied LEED-NC to schools, multi-unit residential buildings and many other building types.

The LEED rating system is divided into categories. Possible points achievable in each category are shown in the following table.

| Category | Maximum Points Awarded | |
|---------------------------------|-----------------------------|---------------------|
| | LEED-NC v3 United States | LEED Canada NC 2009 |
| Sustainable Sites | 26 | 26 |
| Water Efficiency | 10 | 10 |
| Energy & Atmosphere | 35 | 35 |
| Materials & Resource | 14 | 14 |
| Indoor Environmental Quality | 15 | 15 |
| Total points | 100 | 100 |

An additional 10 additional points can be awarded for “Innovation in Design” and “Regional Priority”. In Canada, under “Regional Priority” LOGIX can contribute one additional point for “Durable Building.”

Ratings are LEED certified based on the number of points given under each category with a minimum of 40 points required.

| Category | LEED-NC v3 United States | LEED Canada NC 2009 |
|-----------|-----------------------------|---------------------|
| Certified | 40-49 points | 40-49 points |
| Silver | 50-59 points | 50-59 points |
| Gold | 60-79 points | 60-79 points |
| Platinum | 80+ points | 80+ points |

For more information about the LEED green building rating system visit www.usgbc.org or www.cagbc.org.

Related articles:

- Technical Bulletin No.17: "LEED 2009 Rating System - Major Differences Between v2.2/v1.0 & LEED 2009"
- Technical Bulletin No.18: "LEED for New Construction & Major Renovations v3 (US version) - LOGIX Potential LEED Contribution"
- Technical Bulletin No.19: "LEED for Schools v3 - LOGIX Potential LEED Contribution"
- Technical Bulletin No.25: "LEED Canada for New Construction & Major Renovations 2009 - LOGIX Potential LEED Contribution"