



SIP No. 2060

Subject: Building Green and LEED v4 New Construction

Date: November 2007 (Revised January 2015)

The United States Green Building Council (USGBC) publishes the Leadership in Energy and Environmental Design (LEED) rating system. The latest LEED, version v4, includes new market sector adaptations for data centers, warehouses and distribution centers, hospital-ity, existing schools, existing retail and mid-rise residen-tial projects

LEED v4 establishes requirements for design compo-nents that impact sustainable design. Credits or points are earned for meeting specific milestones in various categories. These categories include Location and Transportation (LT), Sustainable Sites (SS), Water Ef-ficiency WE), Energy and Atmosphere (EA), Mater-ials and Resources (MR), Indoor Environmental Quality (EQ) , Innovation (IN), and Regional Priority (RP). A minimum number of available points are required to achieve a LEED Certified rating. Silver, Gold, and Plati-num levels are also available by meeting higher point thresholds.

R-Control SIPs are an ideal structural and insulation choice for inclusion into LEED certified building de-signs. The key benefit of using R-Control SIPs is a re-duction in energy consumption.

The following are the key categories associated with the use of R-Control SIP in LEED certified building.

Energy & Atmosphere

Minimum Energy Performance

R-Control SIPs help reduce the environmental and eco-nomic harms of excessive energy use by achieving a minimum level of energy efficiency for the building and its systems.
(required)

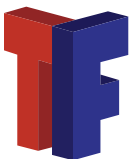
Optimized Energy Performance

R-Control SIPs are a key building envelope component to achieve increasing levels of energy performance be-yond the prerequisite standard to reduce environmen-tal and economic harms associated with excessive en-ergy use.
(up to 20 points)

Innovation in Design:

Innovation in Design

R-Control SIP are an innovative product used to achieve exceptional or innovative performance.
(1 point)



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