

The United States Green Building Council (USGBC) has recently released the latest version of the LEED Rating System for Schools v3. Beginning in June 2009 all new LEED projects for schools in the United States are required to comply to the latest LEED for Schools rating systems.

Below is a summary of the LEED-NC v3 credits to which LOGIX can potentially contribute. In total, LOGIX can potentially help to earn 28* of the 40 points required to achieve LEED for schools certification. Under Building Reuse Credit, 4 additional points may apply to projects wherein ICFs, found in an existing building, are salvaged during de-construction and included in a new building constructed on the same site.

For information on the new LEED Rating Systems see LOGIX Technical Bulletin No.17, "LEED 2009 Rating System - Major Differences Between v2.2 & v3" at www.logixicf.com or visit www.usgbc.gov.

POTENTIAL LEED POINTS WITH LOGIX ICF*: LEED for Schools v3

Sustainable Sites	Points	Comments
Site Development: Protect or Restore Habitat	1	<ul style="list-style-type: none"> Although the points may not apply to LOGIX, wall bracing for LOGIX is one of a combination of actions that, together with other procedures, can result in proper protection or restoration of natural areas around the job site. LOGIX is typically placed within the building perimeter. This type of assembly avoids disturbance to existing natural areas and keeps construction activity close to the building perimeter.

Energy & Atmosphere	Points	Comments
Optimize Energy Performance	Up to 19	<p>Improved building energy performance can be enhanced by the combination of foam insulation and the thermal mass properties of the insulated concrete. LOGIX panels provide:</p> <ul style="list-style-type: none"> high thermal resistance for a LOGIX wall system – R24 (35+ effective Rvalue). Larger Rvalues can be achieved when using LOGIX XRV panels which have thicknesses of up to 8 inches. reduction in the peak heating and cooling loads on the building air tight structure which reduces air leakage and energy use.

Materials & Resources	Points	Comments
Construction Waste Management: Divert 50% to 75% from Disposal	Up to 2	Any on-site waste can be fully recycled.
Recycled Content: 10% to 20% (post-consumer + 1/2 pre-consumer)	Up to 2	LOGIX foam panels are made from a maximum of 10% recycled EPS. The webs are made of 100% recycled polypropylene.
Regional Materials: 10% to 20% Extracted, Processed & Manufactured Regionally	Up to 2	LOGIX currently has 8 manufacturing facilities throughout North America. The concrete is obtained through local suppliers.
4 additional points may apply to projects wherein ICFs, found in an existing building, are salvaged during de-construction and included in a new building constructed on the same site. Under the Building Reuse Credit, points are achieved as follows: Maintain 55% to 95% of existing walls, floors and roofs (3 points); Maintain 50% of interior non-structural elements (1 point).		

Indoor Envir. Quality	Points	Comments
Thermal Comfort: Design	1	ICFs are air tight structures, which make air flow and ventilation easier to control and monitor. The end result is a healthier, comfortable environment for occupants, and a reduction in HVAC capacity.
Enhanced Acoustical Performance	1	LOGIX can provide walls with STC50+, which is well above the required STC35.
Minimum Indoor Air Quality Performance is a pre-requisite under LEED. Therefore, there are no points to be achieved. However, LOGIX can still contribute to improved Minimum Indoor Air Quality Performance.		
TOTAL LEED-NC V3*	28	

*The total LEED point contribution from LOGIX is a best estimate based on available information and test data. The actual LEED point contribution may change based on project specifics, and should be determined by a LEED Accredited Professional for each project seeking LEED accreditation.