



LEED section	LEED Credit	LEED Points	Contributing Criteria of POLYCRETE ICFs
Sustainable Sites	SSc5.1 - Site Development: Protect or Restore Habitat	1	Enabler - Earn this credit by limiting site disturbance around the building perimeter -- including roads, trenches, and other constructed features. POLYCRETE ICF wall systems are normally braced from the interior which requires minimal excavation area. This results in reduced site disturbance around the building perimeter.
	SSc7.2 - Heat Island Effect, Roof	1	Indirectly Enhanced - POLYCRETE ICF wall systems are capable of withstanding higher structural loads and could support the added load of a green roof. Green roofs reduce heat island effect and bring more natural spaces into urban locations.
Energy & Atmosphere	EAp2- Minimum Energy Performance	Prereq 2	Contributor - Credits for energy performance concern energy use of the entire building. Use of POLYCRETE wall systems directly contribute to energy reduction.
	EAc1- Optimize Energy Performance	Up to 19	Contributor - Credits for energy performance concern energy use of the entire building. Use of POLYCRETE wall systems directly contribute to energy reduction by providing reduced air infiltration, higher insulating value and thermal mass benefits.
Materials & Resources	MRC2 - Construction Waste Management	Up to 2	Enabler - Credits are earned for ensuring debris from construction is recycled or directed back into the manufacturing process. POLYCRETE wall systems create minimal waste during construction, and the waste that is produced can be fully recycled. POLYCRETE ICF Wall System can be a zero waste system.
	MRC4- Recycled Content	Up to 2	Enabler - POLYCRETE ICFs contain 70% recycled content material. Rebar typically has greater than 90% recycled content. Additional benefits are achieved by use of concrete products that substitute part of the Portland cement content with supplementary cementing materials (SCMs), such as fly ash, slag and silica fume.
	MRC5- Regional	Up to	Contributor - 80% of a material must be locally

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	Materials	2	manufactured (within 500 mile radius) to qualify under this credit – Check with POLYCRETE to determine if your site is within that radius; concrete itself is locally manufactured.
Indoor Environment Quality	EQc3.2 - Construction IAQ Management Plan: Before Occupancy	1	Enabler - POLYCRETE ICFs do not reduce indoor air quality. They are an inert material that does not out-gas or contribute to VOCs, particulates, formaldehyde, carbon monoxide or 4-PC.
	IEQp3, IEQc9 - Acoustical Performance (LEED for Schools)	1	Contributor - POLYCRETE ICF walls have superior acoustic properties and provide sound attenuation rates at or above the minimum requirement of STC 50.
	IEQc10 - Mold Prevention (LEED for Schools)	1	Enabler - POLYCRETE ICFs are mold, mildew and rot resistant and can contribute to the required IAQ management plan related to mold.
Innovation and Design	IDc1- Innovation in Design	Up to 5	<p>Contributor to the LEED reward points for exemplary performance when projects achieve an additional level of performance on other LEED credits. POLYCRETE ICFs can contribute or enable numerous LEED credits in this category. Primary examples include:</p> <ul style="list-style-type: none"> • Acoustic performance: Innovative strategy to provide acoustical privacy. • Air leakage: Not typically measured by most energy simulation tools. Benefits include energy use reduction, reduced risk of mold, improved occupant comfort. • Thermal mass: Not typically measured by most energy simulation tools. Can also contribute to occupant comfort. • Security and durability: High mass concrete provides superior resistance to excessive loads that result from extreme weather events, seismic events and explosions. • Recycled content: Contribute to achieving exemplary performance. • Regional materials: Contribute to achieving

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- exemplary performance.
- Waste reduction: Contribute to achieving exemplary performance.

Regional
Priority

Regional Priority

Up to
4

Regional priority credits are identified by the USGBC from the existing set of LEED credits as noted above. They represent additional credits that are considered more relevant to the project's specific geographical region. Drawn from the current set of LEED credits, POLYCRETE ICFs can contribute to regional priority credits.