POLYCRETE BIG BLOCK ICF SYSTEM: LEED V4 EVALUATION

Energy & Atmosphere	Applicable Building Types	Maximum Points Contribution	Comments
Minimum Energy Performance	All	n/a (required)	The continuous insulation and air barrier properties of POLYCRETE ICF can help meet required minimum levels of efficiency for the building.
Optimize Energy Performance	All	18 except Schools and Healthcare (16 for Schools, 20 for Healthcare)	The continuous insulation and air barrier properties of POLYCRETE ICF can help achieve the levels of energy performance that go beyond the prerequisite standard.

Material & Resources	Applicable Building Types	Maximum Points Contribution	Comments
Construction and Demolition Waste Management Planning	All	n/a (required)	POLYCRETE ICF XpressWall system produces little waste compared to wood, other ICF, or CMU block. This simplifies waste management planning. In addition, EPS and steel recycling programs can be implemented as part of the waste management planning.
Building Life-cycle Impact Reduction	All	3	Can help contribute 3 points under "Option 4. Whole-Building-Life-Cycle Assessment." The high energy efficient walls POLYCRETE ICF creates contributes to the reduction of a building's impact on global warming.
Building Product Disclosure & Optimization - Environmental Product Declarations.	All	1	Can help contribute 1 point under "Option 1. Environmental Product Declaration (EPD)." POLYCRETE ICF uses EPS which carries EPD documents, which conform to ISO 14025.
Building Product Disclosure & Optimization - Sourcing of Raw Materials.	All	2	POLYCRETE ICF products are made with recycled post-consumer steel that can amount to 60% of the total product weight.
Building Product Disclosure & Optimization - Material Ingredients.	All	1	Contributes to 1 point under "Option 3. Product Manufacturer Supply Chain Optimization." POLYCRETE ICF products are certified under a third party program with Quality Auditing Institute (QAI).
Construction & Demolition Waste Management	All	2	Programs can be put in place to recycle EPS from job sites. EPS is also light in weight, and produces less waste than wood, CMU, or other ICF systems..

Indoor Environmental Quality	Applicable Building Types	Maximum Points Contribution	Comments
Minimum Acoustic Performance	Schools	N/a (required)	POLYCRETE ICF can help increase the acoustical performance of wall and ceiling assemblies.
Low-emitting Materials	All	3	POLYCRETE PREMIUM is made with BASF Neopor, which is Greenguard Certified. In addition, the EPS used for POLYCRETE ICF has been tested to show no signs of harmful emissions.
Thermal Comfort	All except Core & Shell	1	POLYCRETE PREMIUM ICF offers continuous insulation in wall and ceiling assemblies, and is made with BASF Neopor, which offer the highest thermal value of any EPS material.
Acoustic Performance	All except Core & Shell	1	POLYCRETE ICF can contribute to the STC ratings of walland ceiling assemblies. STC testing of various wall assemblies indicates a Polycrete wall with 6" of concrete carries a STC52 score.

The total LEED point contribution from POLYCRETE ICF 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.