



INNOVATIVE INSULATION SOLUTIONS

LEED CREDITS and QUIK-THERM™ CONCRETE INSULATION SYSTEM (CIS)

Utilizing Quik-Therm™ insulation can support achieve LEED points*.

LEED CATEGORY	CREDIT NAME	POINTS AVAILABL E	HOW DOES QUIK-THERM CONTRIBUTE?
ENERGY AND ATMOSPHERE			
Credit 1	Optimize Energy Performance	1 to 19	Quik-Therm™ CIS is a continuous concrete insulation technology that significantly improves the effective R-value of concrete wall assemblies. Compared to batt, studs and poly, CIS improves the effective R-value of walls by up to 400% . (see ASHRAE Table A3.1D)
MATERIALS & RESOURCES			
Credit 4	Recycled Content	1 to 2	Quik-Therm™ CIS contains up to 15% recycled EPS. Plastic T-studs are manufactured using 100% recycled plastic. Packaging contains up to 80% recycled cardboard. This contributes to the overall project recycled content percentage.
Credit 5	Regional Materials	1 to 2	Quik-Therm™ manufacturing facilities are located in Starbuck, Manitoba and Post Falls, Idaho. Products can be easily transported to projects throughout Western Canada meeting the 800 km radius requirement for regionally sourced materials.
INDOOR ENVIRONMENTAL QUALITY			
Credit 7.1	Thermal Comfort: Design	1	Quik-Therm™ CIS makes it easier for buildings to comply with ASHRAE 55-2004 by creating a tighter envelope as it is an insulation, air, and vapour barrier all in one product.
INNOVATION IN DESIGN			
Credit 1	Innovation in Design	1 to 5	Quik-Therm™ CIS is an all in one continuous insulation system. It combines framing, insulation, air, radon and vapour barrier and interior damp proofing - in one product. CIS installs in about 1/3 the time of batt, studs and poly.
REGIONAL PRIORITY			
Credit 1	Durable Building	1	By pre-manufacturing components, waste on site is minimized and quality control on site is straightforward. CSA S478-95 (R2007) for this component is easily achieved and documented.
Credit 2	Regional Priority Credit	1 to 3	This point is defined based on geographically specific priorities. In a cold climate, energy performance and/or additional insulation can be an essential component to achieving a regional priority credit.

*LEED credits are not guaranteed and depend on the overall building assembly and design components. Quik-Therm™ makes no guarantees that LEED credits will be awarded by the use of the product on any particular project.

This LEED evaluation has been completed by an independent third party: Optimize Envelope Engineering Ltd.; <http://www.optimizeengineering.com/>