

SMARTci™ LEED Credits Worksheet

Credit Number	Credit Name	# of Points	Contribution
Energy and Atmosphere Prerequisite 2 (required)	Minimum Energy Performance	Mandatory	The SMARTci™ system with GreenGirt™ and third party insulation will provide you the most energy efficient method of meeting ASHRAE 90.1 available in today's marketplace.
EA Credit 1	Optimize Energy Performance	1-19	The SMARTci™ system with GreenGirt™ and third party insulation will provide you the most energy efficient method of meeting and exceeding ASHRAE 90.1. SMARTci™ will allow you to achieve a higher efficiencies, thus giving better R/U Values with less insulation.
Materials and Resources (MR) Credit 2	Construction Waste Management 50% (1 point) and 75% (2 points) recycled or salvaged	1-2	The SMARTci™ system is prefabricated or on-site sprayed in most cases. The extra “drops” from the GreenGirt™ components can be used as clips, or simply added to the lengths of other GreenGirts™ utilizing the fastener retention system. The rigid foam insulations are prefabricated to allow for minor trimming only, while the mineral wool and/or spray foams are fit onsite with extremely small amounts of waste.
Materials and Resources (MR) Credit 3.1 & 3.2	Materials Reuse, 5% (1 point), 10% (2 points)	1-2	Many components of SMARTci™ can be reused or repurposed in the construction process. Please consult with your SMARTci™ sales or design professional for job-specific circumstances.
MR Credit 4.1 & 4.2	Recycled Content – post-consumer plus half pre-consumer, 10% (1 point) or 20% (2 points)	1-2	SMARTci™ utilizes third party insulations, of which nearly all have a healthy amount of pre- and post-consumer content. Please reference the specific insulation manufacturer’s LEED statement for combined system details. The GreenGirt™ and fasteners utilized contain over 25% post-consumer recycled content and approximately 7% pre consumer recycled content.
MR Credit 5.1 & 5.2	MR Credit 5.1 & 5.2	1-2	Many components of the SMARTci™ system, depending on specific application, such as insulation or its components, GreenGirt™ and its components, fasteners, etc., may be made or procured regionally depending on the specific location of the project.
Indoor Environmental Quality (IEQ) Credit 2	Increased Ventilation	1	Utilizing SMARTci™ as the air barrier can help to manage the airflow and prevent air leakage in your building. If effectively applied, this can help your HVAC systems to operate at their optimum levels. SMARTci™ and its application can help you reach ASHRAE 62.1 - 2007 requirements.
Indoor Environmental Quality (EQ) Credit 7.1	Thermal Comfort, design	1	The SMARTci™ system, utilizing GreenGirt™ and third party continuous insulation, can be used to meet and exceed the ASHRAE 55.2 Thermal Environmental Design Standards.

Innovation and Design (ID) Credit 1.1	Innovation in Design	1	The SMARTci™ system, utilizing GreenGirt™ and a Class A, foil faced Polyisocyanurate rigid board, is the only system in the world, that in single layer of the building envelope, can provide an air, water, vapor, thermal, and hygrothermal barrier. In addition, it is the only system that has zero thermal bridging derived from metal components or fasteners. Finally, it is the only system in the world with conditioned fasteners, all of which are behind the insulation layer, reducing or eliminating interstitial condensation caused by cold spots due to cantilevering of fasteners (common in other CI systems).
ID Credit 1.2	Exceptional performance for Materials and Resources Credits 4.1 and 4.2	1	In circumstances where there are high levels of recyclability, such as steel buildings, the SMARTci™ system can contribute to the recycled content and an additional exceptional performance credit can be achieved if the total recycled content of the material is 30% or higher.
ID Credit 1.3	Exceptional performance for Materials and Resources Credits 5.1 and 5.2	1	In circumstances where a majority of the high value items - including SMARTci™ - are considered regional material of the building, an additional exceptional performance credit can be obtained, if the total regional material of the project exceeds 30% or higher.
Regional Bonus Credit 1.1	Regional Specific Environmental Priority	1-4	Please see USGBC website at www.usgbc.org for details on specific regional available credits.

This list is an estimation of potential LEED credits available for most projects, and is not specific to any one project. Please consult a LEED-certified professional and www.USGBC.com for project-specific credit calculation.