

SMARTci LEED v4.1 Credits Worksheet

Credit Section	Credit Name	Points	Contribution
Energy and Atmosphere (EA) Prerequisite	Minimum Energy Performance	<i>Mandatory</i>	The SMARTci System with GreenGirt and third-party insulation will provide you the most energy-efficient method available in today's marketplace for meeting and exceeding ASHRAE 90.1.
Energy and Atmosphere (EA) Credit	Optimize Energy Performance	<i>1 - 20</i>	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 allows you to achieve higher efficiencies, thus giving better R/U Values with less insulation.
Materials and Resources (MR) Credit	Construction and Demolition Waste Management Planning	<i>Mandatory</i>	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 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 on-site with minimal amounts of waste.
Materials and Resources (MR) Credit	Construction and Demolition Waste Management	<i>1 - 2</i>	Many components of SMARTci can be reused or re-purposed in the construction process. Please consult with your SMARTci sales or design professional for job-specific circumstances.
Materials and Resources (MR) Credit - Building Product Disclosure and Optimization	Material Ingredients	<i>1 - 2</i>	GreenGirt has obtained a Declare Label and is classified as Living Building Challenge Red List Free. It is free of any ingredients deemed harmful by the International Living Future Institute. Each ingredient is listed along with its CAS number.
Materials and Resources (MR) Credit	Construction and Demolition Waste Management	<i>1 - 2</i>	Many components of SMARTci can be reused or re-purposed in the construction process. Please consult with your SMARTci sales or design professional for job-specific circumstances.
Materials and Resources (MR) Credit	Environmental Product Declaration	<i>1 - 2</i>	SMARTci and Greengirt has obtained an Environmental Product Declaration (EPD), an independently verified and registered document that communicates transparent and comparable information about the life-cycle environmental impact of products in a detailed, thorough, and credible methodology.
Materials and Resources (MR) Credit - Building Product Disclosure and Optimization	Sourcing of Raw Materials - Leadership Extraction Practices	<i>1 - 2</i>	GreenGirt and fasteners utilized contain more than 25% post-consumer recycled content and approximately 7% pre-consumer recycled content.
Environmental Quality (EQ) Credit	Thermal Comfort	<i>1</i>	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	Innovation	<i>1 - 5</i>	The SMARTci System, utilizing GreenGirt and a Class A, foil-faced polyisocyanurate rigid board, is the only system in the world, that in a 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).
Regional Bonus Credit	Regional Specific Environmental Priority	<i>1 - 4</i>	Please see the USGBC.org website 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.