

# LEED the Way with GreenGirt Steel™: Recyclable, Energy-Efficient Materials for Sustainable Building Performance

GreenGirt steel sets a new standard as the most thermally efficient perforated metal Z-girt on the market, delivering exceptional energy savings while supporting environmentally responsible design. Engineered for architects and contractors who prioritize both durability and sustainable innovation, GreenGirt Steel enables projects to meet the highest green building standards, without compromising structural integrity.



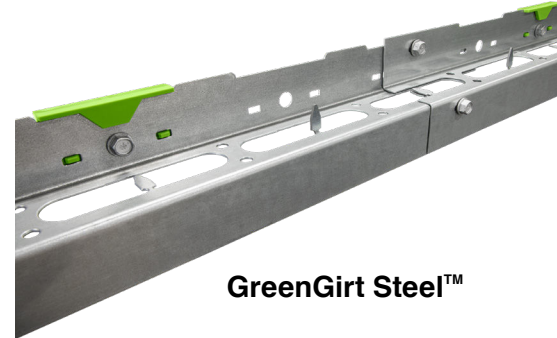
## Recycled Content and Recyclability

GreenGirt Steel is produced using electric arc furnace technology, allowing for high recycled content and a reduced environmental footprint compared to traditional steelmaking. The steel in GreenGirt Steel can be recycled repeatedly without loss of quality, supporting a low-carbon, circular economy.



## Red List Free

GreenGirt Steel is Red List Free, containing no chemicals of concern as defined by the International Living Future Institute (ILFI). This makes it a safe, transparent choice for projects pursuing healthy building certifications and demonstrates a clear commitment to material transparency.



GreenGirt Steel™



## LEED Contribution

GreenGirt Steel supports certification goals for LEED v5 and previous versions of LEED by contributing to multiple categories, enhancing both material sustainability and operational performance, including:

Credit Section	Credit Name	Points Available	Contribution
Energy and Atmosphere (EA) Credit	<b>Minimum Energy Efficiency</b>	<i>Required</i>	GreenGirt Steel offers energy efficiency levels which exceeds the requirements of ASHRAE 90.1.
Energy and Atmosphere (EA) Credit	<b>Reduced Peak Thermal Loads</b>	1 – 5	GreenGirt Steel is designed to prevent thermal bridging, which increases thermal and energy efficiency.
Energy and Atmosphere (EA) Credit	<b>Enhanced Energy Efficiency</b>	1 – 10	The design of GreenGirt Steel establishes the highest amount of energy efficiency of any continuous insulation system available, reaching the highest R/U values with less materials required.

*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-accredited professional and USGBC.org to determine other points that GreenGirt Steel apply to for achieving LEED certification for project specific credit calculation.*



## USGBC

Advanced Architectural Products is a proud member of the U.S. Green Building Council (USGBC), demonstrating our commitment to sustainability and green building practices.

## Important Note on Thermal Performance:

While GreenGirt Steel has the highest thermal performance of any steel Z-girt, the thermal performance of GreenGirt CMH and SMARTci systems are superior and reach 92–99% efficiency, providing the best thermal performance.

For more information, please visit: [GreenGirt.com](https://www.GreenGirt.com)

**GreenGirt.com**

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[GreenGirt.com/patents/](https://www.GreenGirt.com/patents/)  
Patents Pending

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**GreenGirt Steel™**

by **aap**™ ADVANCED ARCHITECTURAL PRODUCTS