



## TAKE THE LEED WITH PREMIER STEEL AND SFIA

Leadership in Energy and Environmental Design

*We Provide Quality Metal Products & Services Fast*

The US Green Building Council, LEED, is the nationally accepted benchmark for the improvement of sustainable design, environmental performance, and economic impact for commercial buildings. STEEL is rapidly being recognized for its important environmental attributes, particularly its high recycled content and reclamation rate. SFIA supports the increasing demands for LEED certification, operating with established and innovative practices, standards, materials and technologies.

SFIA presents the following LEED certification letters to meet your LEED-related documentary requirements for submission of Cold-formed Steel Framing Products, or for obtaining approval of SFIA specific LEED-related operations.

The US Green Building Council requires BOTH (1) compliance information for products used, and (2) a statement of the manufacturer's locations and efforts to preserve the environment through their operational actions. SFIA has a long standing relationship between our customers and their efforts of achieving LEED points with the use of Cold Formed Steel Framing Products. The attached letter is supplied to further assist you and minimize your efforts in gathering documentation for LEED-related projects.

Please present the following certification letter for all LEED-related projects on which you are bidding or for which your end customer is seeking LEED certification after installations are complete.

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## **LEED - NC VERSION 2.2 AND 3.0**

As new versions of LEED are released, previous versions are retired or “sunset” – keeping the newest projects paired with the latest and best version of the rating system. With the introduction of LEED v4, a project aimed for certification under the LEED 2009 rating system must be registered by October 31, 2016 and the deadline for completing the project is June 30, 2021.

## **LEED 2009 CREDIT MR 2 (CONSTRUCTION WASTE MANAGEMENT) - 2 POINTS**

Credits are awarded based on recycling and recovery rates for construction products. Steel is 100% recyclable, and because it plays a key role in diverting construction debris from the waste stream is eligible for LEED Credits MR 2.1 and 2.2. The specific contribution will vary by project and must be determined by the contractor.

## **LEED 2009 CREDIT MR 4 (RECYCLED CONTENT) - 2 POINTS**

Cold-formed steel framing contains a high percentage of recycled content, earning one LEED credits for recycled content that constitutes 10% of the total value of construction materials (4.1) and a second point when recycled content is 20% of the total cost.

An additional point for Innovation in Design (ID) credit is available here if project’s overall recycled content exceeds 30%  
**(See below: LEED 2009 Credit ID: Innovation in Design)**

## **LEED 2009 CREDIT MR 5 (REGIONAL MATERIALS) - 2 POINTS**

LEED Credit MR 5 requires the jobsite to be within a 500 mile radius of the manufacturing facility and the location where raw materials are extracted. The national network of SFIA Manufacturer members makes it likely that they will be able to qualify for this credit within the market areas that the individual companies service.

## **LEED 2009 CREDIT ID: INNOVATION IN DESIGN - 1 POINTS**

An additional credit is available when the overall recycled content used in a project exceeds 30%. The minimum default rate for recycled content reported by the Steel Recycling Institute is 34.9%, but your SFIA member manufacturer is likely to produce or have available cold-formed steel framing with even higher content, and can provide you with the necessary documentation when you order materials.

More information about Recycled Content is available at this location: <http://goo.gl/NlszN3> If you would like to learn more about how cold-formed steel framing meets the tests for resilience, a publication is available at this location: <http://goo.gl/nvfxHP>

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## **LEED V4**

LEED v4 was introduced in 2013 and is the newest version of the world's premier benchmark for high-performance green buildings. Steel framing is recognized for a number of important environmental benefits, particularly high recycling rates and recycled content, and makes key contributions to achieving LEED certification.

### **BUILDING PRODUCT DISCLOSURE AND OPTIMIZATION**

#### **Sourcing of Raw Materials - 1 Point**

A credit is available for projects where at least 25%, by cost, of the total value of permanently installed building products in the project meet the criteria for responsible extraction. The Recycled Content of cold-formed steel makes an important contribution to achieving this goal.

### **CONSTRUCTION AND DEMOLITION WASTE MANAGEMENT**

#### **Up to 2 Points**

Cold-formed steel framing is 100% recyclable, an attribute that is rewarded with credits for diverting construction debris from the waste stream. Calculations can be by weight or volume and so the specific contribution will vary by project and must be determined by the contractor.

### **BUILDING PRODUCT DISCLOSURE AND OPTIMIZATION**

#### **Environmental Product Declarations - Up to 2 Points**

LEED v4 approaches building materials content credits in a completely different way than previous editions of LEED by placing an emphasis on transparency and documentation, and coldformed steel. This is achieved through an Environmental Product Declaration (EPD) which is compiled from a life cycle assessment (LCA) that is developed according to the rules put forth in the product category rule (PCR).

- In this category, credits are earned when at least 20 installed products from at least five manufacturers provide an EPD. The industry-wide EPD soon to be released enables cold-formed steel to qualify as 1/2 of a product. Your SFIA manufacturer member may also be able to provide a product specific EPD which is valued as one full product.
- A second options for an additional credit is available when the value of products covered by the EPD represents 50% of the project cost.

An additional exemplary performance point is available here for sourcing at least 40 qualifying products from five manufacturers. **(See below: LEED v4 IN Credit: Innovation)**

## **LEED V4 IN CREDIT:**

### **Innovation - Up to 2 Points**

Achieve exemplary performance in an existing LEED v4 prerequisite or credit that allows exemplary performance, as specified in the LEED Reference Guide, v4 edition. An exemplary performance point is typically earned for achieving double the credit requirements or the next incremental percentage threshold.