

Fire Protection Products

Leadership in Energy and Environmental Design™ (LEED) Certification

As the world's leading manufacturer of structural steel fire protection products, Isolatek International recognizes the value of designing buildings to meet the standards of the LEED Program.

The LEED Green Building Rating System certifies entire projects on the basis of design and environmental impact. In addition to offering the broadest product selection of any structural steel fire protection manufacturer, our products combine high-recycled content in addition to local manufacturing locations.

The following table identifies applicable LEED points:

LEED Points:	LEED Requirements:	Applicable CAFCO Product:	LEED Guide Reference:
10	Building achieves a high level of energy performance.	All CAFCO SFRMs	EA Credit 1
1	Building Materials manufactured within 500 miles of the project site.	All CAFCO SFRMs	MR Credit 5.1
3	Renovation Projects maintain existing building elements	All CAFCO SFRMs	MR Credit 1.1, 1.2, and 1.3
2	Building materials contain recycled content.	See Table Below	MR Credit 4.1 and 4.2
2	Low Volatile Organic Compound (VOC) Content	All CAFCO SFRMs	EQ Credit 4.1 and 4.2
1	Construction Waste Management; recyclable waste	CAFCO 300, CAFCO 400, FENDOLITE M-II Bags (Kraft Paper) - All CAFCO SFRMs (wooden Pallets)	MR Credit 2.1 and 2.2
1	Raw Materials Supplied Within 500 Miles of the Manufacturing Site.	All CAFCO SFRMs	MR Credit 5.2

These values and credits should be confirmed prior to final acceptance

The table below identifies the Isolatek International fire protection or thermal/acoustical product, its percent-recycled content, type of recycled content, and manufacturing location.

Isolatek International Product	% Recycled Content	Type of Recycled Content	Manufacturing Location
CAFCO® BLAZE-SHIELD® II	67%	Post-Industrial (Pre-Consumer)	Huntington, IN, Birmingham, AL
CAFCO® BLAZE-SHIELD® HP	56%	Post-Industrial (Pre-Consumer)	Huntington, IN
CAFCO® 300/400	10%	Post-Consumer	Stanhope, NJ
CAFCO® 300/400	10%	Post-Consumer	Houston, TX
CAFCO® 300/400	10%	Post-Consumer	Chandler, AZ
FENDOLITE® M-II	0%	Not Applicable	Stanhope, NJ Houston, TX
CAFCO® HEAT-SHIELD®	90%	Post-Industrial (Pre-Consumer)	Huntington, IN
CAFCO-BOARD™	>75%	Post-Industrial (Pre-Consumer)	Wabash, IN
SprayFilm™ WB 2	0%	Not Applicable	Lawrence, MA
SprayFilm™ WB 3	0%	Not Applicable	Lawrence, MA
SprayFilm™ WB 4	0%	Not Applicable	Lawrence, MA

CAFCO BLAZE-SHIELD II and BLAZE-SHIELD HP are structural steel fire protection products that satisfy all AIA (American Institute of Architects) physical performance requirements for commercial and medium-density products, respectively. In addition to their fire protection capabilities, BLAZE-SHIELD II and BLAZE-SHIELD HP offer exceptional thermal value and acoustical benefits. BLAZE-SHIELD II and BLAZE-SHIELD HP are composed of 100% inorganic binders which make them mold/mildew resistant.

CAFCO-BOARD is a rigid board fire protection product that provides hourly rating requirements for structural steel members, including floor and roof decks. CAFCO-BOARD is ideally suited to address sequencing issues such as roof construction and construction roof traffic, where sprayed fire protection is required. Due to CAFCO-BOARD being mechanically fastened to the substrate, it is unaffected by roof traffic during and after application. CAFCO-BOARD also offers exceptional thermal value and acoustical benefits.

CAFCO HEAT-SHIELD, although not a fire protection product, is an effective thermal and acoustical treatment product. It can be applied at varying thicknesses dependent upon the R-Value or NRC (Noise Reduction Coefficient) Value required for the project.

CAFCO 300 and CAFCO 400 are structural steel fire protection products that satisfy all AIA (American Institute of Architects) physical performance requirements for commercial and medium-density products, respectively.

We appreciate your interest in CAFCO Fire Protection and Thermal/Acoustical products. Should you have further questions related to this matter, please do not hesitate to contact Isolatek's Technical Department at (800) 631-9600

