

Security Metal Products

LEED® 2009 Certification Contribution



Sustainable practices are at the heart of SMG's management of the Moscone Center. One of the nation's largest municipally-owned solar generation installations now operates from the roof of the Moscone Center. The Moscone Center strives to achieve greater resource efficiency and sustainability. The intent of sustainable programs is to promote and support operational and business practices which lessen adverse environmental impact, benefit the local community and make economic sense.

The Leadership in Energy and Environmental Design (LEED) Green Building Rating System™ is the nationally accepted benchmark for the design, construction, and operation of high performance green buildings. LEED promotes a whole-building approach to sustainability by recognizing performance in seven key areas of human and environmental health: sustainable sites, water efficiency, energy and atmosphere, materials and resources, indoor environmental quality, innovation in design and regional priority credits.

Started in 1955, Security Metal Products has become the national leader in the manufacturing of standard and custom hollow metal doors and frames.

Security Metal Products can help to achieve prerequisites and accumulate points in the following categories and credit areas of LEED. For further information, please call 310-641-6690 or refer to www.secmet.com or www.assaabloydss.com/sustainability.



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Materials & Resources (MR)

Credit 1.2
Building Reuse - Maintain Existing
Interior Non-Structural Elements
NC S CI R HC

Extend the life cycle of existing building stock, conserve resources, retain cultural resources, reduce waste and reduce environmental impacts of new buildings as they relate to materials manufacturing and transport. **The longevity and durability of openings constructed with products from Security Metal Products should allow re-use on LEED projects and help in the attainment of this credit.**

CI: Commercial Interiors CS: Core and Shell EBOM: Existing Buildings Operations & Maintenance HC: Healthcare
NC: New Construction R: Retail S: Schools

ASSA ABLOY, the global leader
in door opening solutions

Materials & Resources (MR)

MR Credit 4
Recycled Content
NC CS S CI R HC

Increase demand for building products that incorporate recycled content materials, thereby reducing impacts resulting from extraction and processing of virgin materials. Use materials with recycled content such that the sum of post-consumer recycled content plus 1/2 of the pre-consumer content constitutes at least 10% or 20%, based on cost, of the total value of the materials in the project. The recycled content value of a material assembly is determined by weight. The recycled fraction of the assembly is then multiplied by the cost of assembly to determine the recycled content value. **Almost all Security Metal Products solutions contain recycled content, allowing most of our products to contribute toward this credit.**

Security Metal Products Recycled Content	Post-consumer Recycled Content*	Pre-Consumer Recycled Content*	Total LEED Recycled Content Percentage*
Doors and Frames	53.7%	6.8%	57.1%
Stainless Steel Doors and Frames	75%	–	75%

MR Credit 5
Regional Material
NC CS S R HC
(CI allows One point if 20% material by cost is manufactured within 500 miles, second point if 10% is manufactured AND extracted, harvested or recovered)

Increase demand for building materials and products that are extracted and manufactured within the region, thereby supporting the use of indigenous resources and reducing the environmental impacts resulting from transportation. Use building materials or products that have been extracted, harvested or recovered, as well as manufactured, within 500 miles of the project site for a minimum of 10% or 20%, based on cost, of the total materials value. **Security Metal Products doors and frames can assist with LEED CI projects within 500 miles of Tijuana, Mexico and/or Milan, TN.**

SECURITY METAL Product	Regional Material Information
Stainless Steel Doors and Frames	Tijuana B.C., Mexico 22129
Doors and Frames	Milan, TN 38358

Indoor Environmental Quality (IEQ)

IEQ Credit 3.2
Construction Indoor Air
Quality Management Plan
Before Occupancy
NC CS S CI R HC



To reduce indoor air quality (IAQ) problems resulting from construction or renovation to promote the comfort and well-being of construction workers and building occupants. **Project teams specify interior doors meeting GREENGUARD Gold testing will assist with IEQ 3.2 compliance.**

IEQ Credit 4.1 & 4.2
Low-Emitting Materials-
Adhesives & Sealants,
Paints & Coatings
NC CS S CI R HC



Reduce the quantity of indoor air contaminants that are odorous, irritating and/or harmful to the comfort and well-being of installers and occupants. **Security Metal Products should have no impact on LEED projects achieving this credit.**

IEQ Credit 4.6
Low-Emitting Materials-
Ceiling & Wall Systems
S R HC



Reduce the quantity of indoor air contaminants that are odorous, irritating and/or harmful to the comfort and well-being of installers and occupants. **All gypsum board, insulation, acoustical ceiling systems and wall coverings (including doors) installed in the building interior must meet the testing CA 01350. Requires GREENGUARD indoor Air Quality certification. Requires GREENGUARD Indoor Air Quality certification or equivalent. Products from Security Metal Products are certified to GREENGUARD Gold.**

IEQ Credit 8.1 & 8.2
Daylight & Views
NC CS S CI R HC
(IEQc.2.4 in EBOM)

Provide building occupants with a connection between indoor spaces and the outdoors through the introduction of daylight and views into the regularly occupied areas of the building. **Adding glazing and sidelights to openings built with products from Security Metal Products will assist projects in achieving this LEED credit.**

LEED for Schools Specific Credits

IEQ Credit 9

Enhanced Acoustical Performance
S HC (NC can earn Innovation
credits for Enhanced Acoustical
Performance)

Provide classrooms that facilitates better teacher-to-student and student-to-student communications through effective acoustical design. Design the building shell, classroom partitions and other core learning space partitions to meet the Sound Transmission Class (STC) requirements of ANSI Standard S12.60-2002, Acoustical Performance Criteria, Design Requirements and Guidelines for Schools, except windows, which must meet an STC rating of at least 35. **Security Metal Products offers a wide range of STC door solutions that can help LEED projects gain credit for Enhanced Acoustical Performance.**

MR Credit 3

Sustainable Purchasing -
Facility Alterations & Additions
EBOM

Reduce the environmental and air quality impacts of the materials acquired for use in the upgrade of buildings. Maintain a sustainable purchasing program covering materials for facility renovations, demolitions, refits and new construction additions. **Products from Security Metal Products can help sustainable purchasing programs meet many of the requirements to obtain this credit.**

MR Credit 9

Solid Waste Management -
Facility Alterations & Additions
EBOM

To divert construction and demolition debris from disposal to landfills and incineration facilities. Redirect recyclable recovered resources back to the manufacturing process and reusable materials to appropriate sites. **Many of Security Metal Products can be recycled (in the case of our metal products, potentially infinitely) and reused. We strive to make durable sustainable products that can assist projects in attaining this credit.**

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Security Metal Products Corp. offers a full line of doors and frames for a wide range of applications: from highly corrosive or clean room environments such as waste water treatment plants, laboratories, hospitals and food processing plants to aesthetically appealing building lobbies. A variety of sizes and configurations are available.

Please contact us with your specific requirements. If you can conceive it, we can build it!



ASSA ABLOY

ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience

Security Metal Products

For more information call 310.641.6690 or visit us online at www.secmet.com or www.assaabloydss.com/sustainability

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