

McKinney LEED® 2009 Certification Contribution

McKinney
ASSA ABLOY

ASSA ABLOY, the global leader
in door opening solutions



“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.”

Hinge Solutions For Sustainable Buildings

McKINNEY hinges provide solutions for the most highly specialized functions as well as decorative and sustainability requirements. The broad line and exceptional quality ensure getting exactly the right product for your new or retrofit construction projects.

McKinney can help to achieve prerequisites and accumulate points in the following categories and credit areas of LEED. For further information, contact us at 800.346.7707 or please refer to our website www.mckinneyhinge.com or www.assaabloydss.com/sustainability.



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Materials & Resources (MR)

MR Credit 4
 Recycled Content
NC CS S CI HC R

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 postconsumer recycled content plus 1/2 of the preconsumer 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 of McKinney's products contain recycled content, allowing most of our products to contribute toward this credit.**

McKinney Product	Post-Consumer Recycled Content*	Pre-Consumer Recycled Content**	Total LEED Recycled Content Percentage
Steel Commercial Hinges	5%	10%	15%
Stainless Steel Commercial Hinges	51%	9%	60%
Brass Commercial Hinges	20%	35%	55%

*Recycled content defined in accordance with industry standards

**Pre-consumer recycled content refers to waste material that is diverted from the waste stream and immediately placed back into the production cycle.

MR Credit 5
 Regional Material
NC CS S HC R (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.

McKinney products are assembled in Berlin, CT and always qualify for Regional Material credit under LEED CI. Please see chart below for regional material data by product line for other LEED rating systems.

*McKinney Product	Manufacturing/Final Assembly Location
Hinges	Berlin, CT or Taiwan

*Please specify hinges made in Berlin, CT to achieve this credit.



LEED for Schools Specific Credits

IEQ Credit 9
Enhanced Acoustical
Performance
HC S (NC can earn
Innovation credits for
Enhanced Acoustical
Performance)

To 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. **McKinney offers a wide range of hinges that are part of STC rated door assembly solutions that can meet ANSI Standard S12.20-2002 and can help LEED projects gain LEED credit for Enhanced Acoustical Performance.**

IEQ Credit 10
Mold Prevention
S



Reduce the potential presence of mold in schools through preventive design and construction measures. **McKinney products offer MicroShield® antimicrobial coatings. This natural antimicrobial coating can be applied to most McKinney products and act as an additional preventative measure to assist school projects in achieving this credit.**

LEED EBOM Specific Credits

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. **McKinney 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

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 McKinney 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.**

McKinney supports a Product End-of-Life Recycling program, providing recycling and/or disposal of McKinney products that have reached the end of their life cycle and are beyond the product's warranty period. Call 800-346-7707 for more information.

NC: New Construction CS: Core and Shell S: Schools CI: Commercial Interiors BOM: Existing Buildings HC: Healthcare R: Retail



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