

# McKinney LEED® 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 and other door installation hardware 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](http://www.mckinneyhinge.com) or [www.assaabloydss.com/sustainability](http://www.assaabloydss.com/sustainability).



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# Materials & Resources (MR)

**MR Credit 4**  
 Recycled Content  
**NC CS S CI**

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
HInge	53%	0%	53%
Kick Plates	75%	0%	75%
Flush Bolts	51%	0%	51%
Wall Stop	68%	0%	68%
Floor Stop	52%	0%	52%
Roller Latch	50%	0%	50%
Dust Proof Strike	56%	0%	56%

\*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 (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.

All McKinney products are manufactured/assembled in Berlin, CT and can help projects with a 500 mile radius achieve this credit, with the exception of the following:

McKinney Product	Manufacturing/Final Assembly Location
*Hinges	Berlin, CT or Taiwan
Flush Bolts	China
Wall Stop	Taiwan
Floor Stop	China
Roller Latch	Taiwan
Dust Proof Strike	Taiwan

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



# Indoor Environmental Quality (IEQ)

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

Reduce the quantity of indoor air contaminants that are odorous, irritating and/or harmful to the comfort and well-being of installers and occupants. **This credit only applies to materials applied within the weatherproofing system. McKinney products should have no impact on LEED projects achieving this credit.**

## LEED for Schools Specific Credits

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IEQ Credit 9  
Enhanced Acoustical  
Performance  
**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**



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

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# 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**

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 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.**

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

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