

# The RITE Door® LEED 2009 Certification Contribution

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.”*

Adams Rite Manufacturing Company has a 110 year heritage of quality and reliability, and has earned its reputation as a leading supplier of architectural hardware by offering innovative lines of electric strikes, exit devices, swinging door and sliding door hardware, as well as a full line of access control devices.

ADAMS RITE can help to achieve prerequisites and accumulate points in the following categories and credit areas of LEED. For further information, please call 800-872-3267 or refer to our website [www.adamsrite.com](http://www.adamsrite.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 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 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 ADAMS RITE solutions contain recycled content, allowing most of our products to contribute toward this credit.**

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

### ADAMS RITE MANUFACTURING CO.

For more information call 800-872-3267 or visit us online at [www.adamsrite.com](http://www.adamsrite.com) or [www.assaabloydss.com/sustainability](http://www.assaabloydss.com/sustainability)

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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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The RITE Door	Post-consumer Recycled Content *	Pre-consumer Recycled Content **	Total LEED Recycled Content Percentage
RITE Door-Integrated Door Assembly (steel stiffened core)	35.4%	7.4%	39.1%
RITE Door-Integrated Door Assembly (Honeycomb & Mineral core)	34.3%	7.2%	37.9%
Frames	35.4%	7.4%	39.1%
Exit Devices	65.96%	0%	65.96%
Handles	72.01%	0%	72.01%
SS Hinges	80.00%	0%	80.00%
Carbon Steel Hinges	58.00%	0%	58.00%
SS Edge Guards	80.00%	0%	80.00%

\*Recycled content defined in accordance with industry standards.

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

Waste materials generated by the production of these products are collected and shipped off site where it then reenters the recycle stream.

**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. **The RITE Door product can qualify for Regional Material credit under LEED CI.** Sub assemblies for these product lines are unable to be tracked back to recovery location and only qualify under LEED CI.

ADAMS RITE Product	Manufacturing /Final Assembly location
The RITE Door-Integrated Door Assembly	Pomona, CA and Mason City, IA
Frames	Ceres, CA and Mason City, IA

## Indoor Environmental Quality (IEQ)

### IEQ Credit 4.1 & 4.2

Low-Emitting Materials- Adhesives & Sealants, Paints & Coatings  
**NC CS S CI HC R**

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 however, ADAMS RITE offer solutions including pre-finished door openings and pre-installed glazing. This allows LEED projects to avoid applying materials on site.**

## LEED for Schools Specific Credits

### IEQ Credit 10

Mold Prevention

**S**



Reduce the potential presence of mold in schools through preventive design and construction measures.

**Hardware components from The RITE Door offer MicroShield. This natural silver-ion coating can be applied to our hardware and acts 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. **ADAMS RITE 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 ADAMS RITE 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.**