

The global leader in
door opening solutions

Rockwood LEED® 2009 Certification Contribution

"LEED, or Leadership in Energy & Environmental Design, is a globally recognized symbol of excellence in green building. LEED certification ensures electricity cost savings, lower carbon emissions and healthier environments for the places we live, work, learn, play and worship. LEED's global sustainability agenda is designed to achieve high performance in key areas of human and environmental health, acting on the triple bottom line - putting people, planet and profit first."

Solutions For Sustainable Buildings

Rockwood architectural hardware 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.

ASSA ABLOY can help to achieve prerequisites and accumulate points in a number of categories and credit areas of LEED. For further information, call 800-458-2424 or please refer to our website www.rockwoodmfg.com or www.assaabloydss.com/sustainability.

Applications:

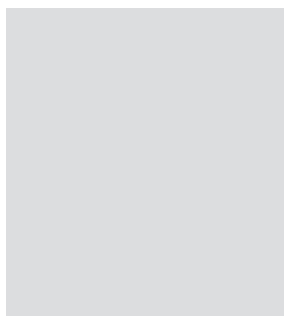
- Commercial Buildings
- Retail
- Schools
- Hospitals



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Materials & Resources (MR)

MR Credit 4

Recycled Content
CI CS HC NC R S

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 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 Rockwood Products contain recycled content, and contribute toward this credit.**

Rockwood Product	Post-Consumer Recycled Content	Pre-Consumer Recycled Content**+	Total LEED Recycled Content Percentage
Kick and push plates stainless steel	56%	26%	69%
Kick and push plates brass and bronze	90%	0%	90%
Solid door pulls – stainless steel	90%	0%	90%
Solid door pulls – brass and bronze	75%	0%	75%
Solid door pulls – aluminum	10%	60%	40%
Tubular door pulls – stainless steel	75%	0%	75%
Tubular door pulls – brass and bronze	30%	0%	30%
Door stops, bolts and latches – cast brass	75%	0%	75%
Automatic flush bolts and coordinators	20%	0%	20%
Hospital latches	56%	0%	56%
Overhead stops and holders	80%	0%	80%

*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.

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

MR Credit 5

Regional Material
CS HC NC R 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. Most Rockwood products are extracted and sourced greater than 500 miles from Rockwood, PA and can only assist with LEED CI credit.

Rockwood products are manufactured/assembled in the following locations:

Rockwood Product	Manufacturing/Final Assembly Location
Kick plates, push plates and door pulls	Rockwood, PA
406/409 door stops	China
Cast door stops, bolts and latches	Taiwan and China
Automatic flush bolts and coordinators	USA and Taiwan
Hospital Latches	China
Overhead Stops	Taiwan
Small Pulls	Rockwood, PA, China, Taiwan

Indoor Environmental Quality (IEQ)

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. Rockwood products will not detract from LEED projects earning this credit.**

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. **Rockwood products offer MicroShield® antimicrobial coatings. This natural antimicrobial coating can be applied to doors and hardware 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. **Rockwood 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 Rockwood Products can be recycled (in the case of our metal products, potentially infinitely) and reused.**

ASSA ABLOY supports a Product End-of-Life Recycling program, providing recycling and/or disposal of Rockwood products that have reached the end of their life cycle and are beyond the product's warranty period. Call 800-458-2424 for more information.

CI: Commercial Interiors CS: Core and Shell EBOM: Existing Buildings NC: New Construction S: Schools
