

# MEDECO LEED® Certification Contribution



Independent testing labs confirm that Medeco high security locks meet or surpass all requirements for a high security cylinder. MEDECO high security locks currently meet both the UL437 high security certification as well as ANSI/BHMA A156.30 Level A high security standard.



ASSA ABLOY is a member  
of the USGBC and CaGBC

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*“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.”*

Medeco High Security Locks offers a complete line of proven security solutions and the best value-added services in the industry. As the industry leader and the trusted source for virtually pick, drill, and bump resistant mechanical and electronic locks, retrofit cylinders and patented keys for over 40 years, we offer an array of products to meet multiple security demands. Medeco continues to develop innovative, flexible new products to conveniently and effectively support efforts to protect facilities around the world.

MEDECO can help to achieve prerequisites and accumulate points in the following categories and credit areas of LEED. For further information, please call 800.839.3157 or refer to our website [www.medeco.com](http://www.medeco.com) or [www.assaabloydss.com](http://www.assaabloydss.com)/sustainability

## 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 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 MEDECO solutions contain recycled content, allowing most of our products to contribute toward this credit.**

Post-consumer material is defined as waste material generated by households or by commercial, industrial and institutional facilities in their role as end-users of the product, which can no longer be used for its intended purpose.

Pre-consumer material is defined as material diverted from the waste stream during the manufacturing process. Excluded is re utilization of materials such as rework, regrind or scrap generated in a process and capable of being reclaimed within the same process that generated it.

MEDECO Product	Post-consumer Recycled Content *	Pre-consumer Recycled Content ** †	Total LEED Recycled Content Percentage
Medeco Original, Biaxial, and Medeco <sup>3</sup> Mortise cylinders.	74.7%	0%	74.7%
Medeco Original, Biaxial, and Medeco <sup>3</sup> Rim cylinders.	69.2%	0%	69.2%
Medeco Original, Biaxial, and Medeco <sup>3</sup> 32 series LFIC.	74.3%	0%	74.3%
Medeco Rim and Mortise LFIC housings.	74.7%	0%	74.7%
Medeco Original, Biaxial, and Medeco <sup>3</sup> KIK (20-Series) cylinders.	72.85%	0%	72.85%
KeyMark SFIC	74.8%	0%	74.8
KeyMark x4 SFIC	74.5%	0%	74.5%
KeyMark Rim/Mortise SFIC Housings	75%	0%	75%
KeyMark and KeyMark x4 Keys	75%	0%	75%

\*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 MEDECO products are collected and shipped off site where it then reenters the recycle stream.

## Materials & Resources (MR)

### 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 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.

MEDECO Products	Regional Material Information
All products listed above	Manufactured/Assembled in Salem, VA

## 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, MEDECO products should have no impact on LEED projects achieving this credit.**

**medeco**  
HIGH SECURITY LOCKS

**ASSA ABLOY**

ASSA ABLOY, the global leader in door opening solutions

# 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. MEDECO 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 MEDECO 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.

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

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



KeyMark x4  
Patented Key Control

## Medeco High Security Locks

For more information call 800.839.3157 or visit us online at [www.medeco.com](http://www.medeco.com) or [www.assaabloydss.com/sustainability](http://www.assaabloydss.com/sustainability)

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