



September 19, 2012
Subject: Green Building Initiative

DORMA recognizes that construction design professionals are working to improve the quality of our buildings and their impact on the environment. The United States Green Building Council (USGBC®) has developed LEED® (Leadership in Energy and Environmental Design), which is a voluntary, consensus based rating system for buildings. It is intended to be used as a guide to distinguish high performance buildings that have less of an impact on the environment, are healthier for those who work and live in the building, and are more profitable to operate than their conventional counterparts.

To help projects achieve that worthy goal, DORMA is providing documentation showing the specific LEED® categories¹ our products can contribute, which include:

MR Credit 2.1: Construction Waste Management
MR Credits 4.1 and 4.2: Recycled Content
MR Credit 5.1: Regional Materials

The information presented in this document is reviewed for compliance quarterly.

A handwritten signature in black ink, appearing to read "Derek Wissler".

Derek Wissler
Plant Manager

¹Source: U.S. Green Building Council, LEED 2009 for New Construction & Major Renovations
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LEED® Quick Reference Guide

DORMA Architectural Hardware (DAH) recognizes and fully supports Green Building, sustainable building practices. DAH products contribute to projects earning the highest possible LEED® (Leadership in Energy and Efficient Design) points as administered by the U. S. Green Building Council in the following categories:

MR 2.1 and 2.2 Construction Waste Management

Intent: Divert construction and demolition debris from disposal in landfills and incinerators. Redirect recyclable recovered resources back to the manufacturing process. Redirect reusable materials to appropriate sites.

DAH product packaging is produced primarily from recycled materials. The product packaging can be recycled to reduce the amount of waste routed to landfills.

MR 4.1 and 4.2 Recycled Content

Intent: Increase demand for building products that incorporate recycled content materials, thereby reducing impacts resulting from extraction and processing of virgin materials.

DAH manufactures products which contain a high percentage of steel, stainless steel and aluminum, which are manufactured with a high percentage of recycled content. This reduces the environmental impact from extracting and processing virgin materials. A breakdown of the recycle rates for Pre-Consumer, Post Consumer and Total LEED® Recycled Content is listed in the table shown on page 2.

MR 5.1 and 5.2 Regional Materials

Intent: Increase demand for building material and products that are extracted and manufactured within the region, thereby supporting the use of indigenous resources and reducing the environmental impacts resulting from the transportation.

DAH manufacturers Closers in Reamstown, Pennsylvania, 17567; Locks and Exit Devices in Steeleville, Illinois. 62288.

In addition, DAH operates our production facilities in an environmentally responsible manner.

Architects and building engineers recognize the economic, environmental and social benefits of projects earning LEED® certification. This policy statement is intended as a comprehensive source of facts and information to better serve our customers. For additional information, please contact your local DAH sales rep or Technical Service at 1-800-523-8483.

Recycled Content				
Category	Product	% Pre Consumer Recycled Content	% Post Consumer Recycled Content	Total LEED Recycled Content
Exits	8000 Series, Device + Trim	18.4%	32.7%	41.9%
	9000 Series Narrow Stile, Device + Trim	17.7%	31.3%	40.2%
	9000 Series Wide Stile, Device + Trim	14.9%	26.5%	33.9%
	AD4000 Series, Device + Trim	17.7%	31.4%	40.3%
Locks	C400 Grade 2 Tubular Lockset	17.2%	30.5%	39.1%
	C500 Grade 2 Cylindrical Lockset	35.6%	20.1%	45.6%
	CK600 Grade 2 Tubular Lockset	16.2%	28.7%	36.8%
	CK700 Grade 2 Cylindrical Lockset	17.9%	31.8%	40.7%
	CK800 Grade 1 Cylindrical Lockset	18.0%	31.9%	40.9%
	CL600 Grade 2 Tubular Lockset	11.8%	20.9%	26.8%
	CL700 Grade 2 Cylindrical Lockset	17.2%	30.5%	39.1%
	CL800 Grade 1 Cylindrical Lockset	17.3%	30.7%	39.3%
	D800 Grade 1 Deadbolt	13.9%	24.6%	31.5%
	DB600 Grade 2 Deadbolt	18.2%	32.2%	41.3%
	J200 Grade 2 Tubular Lockset	15.0%	26.5%	34.0%
	MK9000 Grade 1 Mortise Lockset	15.5%	27.5%	35.2%
	ML9000 Grade 1 Mortise Lockset	16.1%	28.5%	36.5%
Closers	7300 Series Surface Closer	7.9%	49.2%	51.7%
	7400 Series Surface Closer	7.9%	49.2%	51.8%
	8600 Series Surface Closer	7.4%	46.3%	48.7%
	8900 Series Surface Closer	7.4%	46.3%	48.7%
	8916 EMF/EMR Surface Closer	6.9%	43.1%	45.4%
	BTS Series Concealed Closer	20.0%	35.4%	45.4%
	BTS Series Pivot Sets	19.5%	34.5%	44.2%
	ED800 Series Low Energy Operator	19.8%	35.0%	44.9%
	ITS96 Pivot Sets	19.5%	34.5%	44.2%
	LM Pivots - Fire Rated	19.0%	33.6%	43.1%
	LM Pivots - Standard	19.7%	34.8%	44.6%
	RTS Series Concealed Closer	20.0%	35.4%	45.4%
	STA7400 Surface Closer	7.9%	49.6%	52.2%
	STA8600 Surface Closer	7.6%	47.3%	49.7%
	STA8900 Surface Closer	7.5%	46.6%	49.0%
	TS93 EMF/EMR Surface Closer	7.2%	45.0%	47.3%
	TS93 GSR Surface Closer	7.9%	49.4%	52.0%
	TS93 Surface Closer	7.8%	49.0%	51.5%
EAC	ES105 Power Transfer	32.0%	0.0%	32.0%
	PS501 Power Supply	73.0%	0.0%	73.0%
Manufacturing Locations for Regional Materials				
Category		Location		
Exits		Steeleville, IL 62288		
Locks		Reamstown, PA 17567		
Closers		Reamstown, PA 17567		

U. S Green Building Council, LEED® Point Rating System¹

MR Credit 2.1 - Construction Waste Management 1 point

Intent: Divert construction and demolition debris from disposal in landfills and incinerators. Redirect recyclable recovered resources back to the manufacturing process. Redirect reusable materials to appropriate sites.

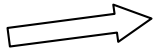
Requirements: Recycle and/or salvage as least 50% of non-hazardous construction and demolition. Develop and implement a construction waste management plan that, at a minimum, identifies the materials to be diverted from disposal and whether the materials will be sorted on-site or comingled. Excavated soil and land-clearing debris does not contribute to this credit. Calculations can be done by weight or volume, but must be consistent throughout.

MR Credit 2.2 - Construction Waste Management 1 point in addition to MR Credit 2.1

Requirements: Recycle and/or salvage as least 25% beyond MR Credit 2.1 (75% total) of non-hazardous construction and demolition. Excavated soil and land-clearing debris does not contribute to this credit. Calculations can be done by weight or volume, but must be consistent throughout.

Exemplary Performance

Projects may earn an Innovation in Design point for exemplary performance in Construction Waste Management when the percent of total waste diverted from landfills is 95% or greater.



DAH can help contribute to a project earning this additional point. DAH products use packaging materials which have a very high percentage of recycled content, and are 100% recyclable.

MR Credit 4.1 - Recycled Content 10% (post-consumer + ½ pre-consumer) 1 point

Intent: Increase demand for building products that incorporate recycled content materials, thereby reducing impacts resulting from extraction and processing of virgin materials.

Requirements: Use materials with recycled content such that the sum of post-consumer recycled content plus one-half of the pre-consumer content constitutes at least 10% (based on cost) of the total materials in the project.

The recycled content value of a material assembly shall be determined by weight. The recycled fraction of the assembly is then multiplied by the cost of assembly to determine the recycled content value.

Recycled content shall be defined in accordance with the International Organization for Standardization document, ISO 14021 – Environmental Labels and declarations – Self declared environmental claims (Type II environmental labeling).

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

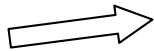
Pre-consumer material is defined as material diverted from the waste stream during the manufacturing process. Excluded is reutilization of materials such as rework, regrind or scrap generated in a process and capable of being reclaimed with the same process that generated it.

MR Credit 4.1 - Recycled Content 20% (post-consumer + ½ pre-consumer) 1 point in addition to MR Credit 4.1

Requirements: Use materials with recycled content such that the sum of post-consumer recycled content plus one-half of the pre-consumer content constitutes an additional 10% beyond MR Credit 4.1 (total of 20%, based on cost) of the total materials in the project.

Exemplary Performance

Projects may earn an Innovation in Design point for exemplary performance in recycled content when the requirements reach the next incremental step. For recycled content, the total recycled value must be 30% or greater.



DAH can help contribute to a project earning this additional point. DAH products use materials which have a recycled content of over 30%.

MR Credit 5.1 – Regional Materials 10% Extracted, Processed and Manufactured Regionally 1 point in addition to MR Credit 5.1

Intent: Increase demand for building material and products that are extracted and manufactured within the region, thereby supporting the use of indigenous resources and reducing the environmental impacts resulting from the transportation.

Requirements: 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% (total of 20%, based on cost) of the total materials value. If only a fraction of a project or material is extracted/harvested/recovered and manufactured locally, then only that percentage (by weight) shall contribute to the regional value.

MR Credit 5.2 – Regional Materials 10% Extracted, Processed and Manufactured Regionally 1 point

Requirements: Use building materials or products that have been extracted, harvested or recovered, as well as manufactured, within 500 miles of the project site for an additional 10% beyond MR Credit 5.1 (total of 20%, based on cost) of the total materials value. If only a fraction of a project or material is extracted/harvested/recovered and manufactured locally, then only that percentage (by weight) shall contribute to the regional value.

Exemplary Performance

An Innovation in Design point for exemplary performance may be available when the next incremental percentage threshold is achieved. For regionally harvested, extracted and manufactured materials, the credit calculation must be 40% or greater.

¹Source: U. S Green Building Council, New Construction & Major Renovation Reference Guide, Version 2.2, Third Edition October 2007. LEED® is a registered trademark of the U. S. Green Building Council