Overly Door Company Products
Applicable LEED Programs and Credits

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Introduction:

The Leadership in Energy and Environmental Design (LEED) and the LEED Green Building Rating System is the nationally accepted benchmark for the design, construction and operation of high performance green buildings. It represents the U.S. Green Building Council's efforts to provide a national standard that aims to promote a whole-building approach to sustainability by recognizing performance in seven key areas including human and environmental health, sustainable sites, water efficiency, energy and atmosphere, materials and resources, indoor environmental quality, innovation in design and regional priority credits.

Materials and Resources (MR) Credits Information

MR 1.2 Credit

Program	Certification	Credit	Requirement
LEED-NC LEED-CS LEED-S LEED-CI	Materials And Resources	Building Reuse-Maintain Existing Interior Non-Structural Elements MR 1.2	Extend the lifecycle of existing building stock, conserve resources, retain cultural resources, reduce waste and reduce environmental impacts of new buildings as they relate to materials manufacturing and transport.

To help achieve the MR 1.2 credits, Overly designs and constructs all of it's door, frame and gasketing products for long and durable usage and should allow re-use on LEED based projects.

MR 4.1 and 4.2 Credits

Program	Certification	Credit	Requirement
LEED-NC LEED-CS LEED-S LEED-CI	Materials And Resources	Recycled Content MR 4.1	Use materials with recycled content such that the sum of the post-consumer recycled content plus one-half of the pre-consumer content constitutes at least 10% of the total value of the material in the project. The recycled content value of the 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.
LEED-NC LEED-CS LEED-S LEED-CI	Materials And Resources	Recycled Content MR 4.2	Use materials with recycled content such that the sum of the 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 values of the material in the project. The recycled content value of the 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.

Definitions

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.

Post-industrial (Pre-Consumer) recycled content refers to scraps that are left over during industrial or manufacturing processes and which are subsequently recycled and reused.

To help achieve the MR 4.1 and 4.2 credits, all of Overly's door and frame products contain recycled materials. Refer to the Overly Products chart below to see how much is contributed by each specific door and frame product.

MR 5.1 and 5.2 Credits

Program	Certification	Credit	Requirement
LEED-NC LEED-CS LEED-S LEED-CI	Materials and Resources	Regional Materials MR 5.1 MR 5.2	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.

To help achieve the MR 5.1 and 5.2 credits refer to the Overly Products chart below to see which products qualify for the manufactured within 500 miles of project site.

*Steel materials we use are extracted, harvested and recovered at many locations greater than 500 miles from the fabrication locations we have. Our steel materials we use are supplied by service centers which are located within 500 miles of our fabrication facilities.

Overly Products MR Credit 4.1, 4.2 and 5.1 Product Information

Overly Door Company Door and Window Products	Post-Consumer Recycled Content	Pre-Consumer Recycled Content	Total LEED Recycled Content Percentage	Manufacturing/Final Assembly Location
All Cold-Formed Door Frames	59	9	63.5	Greensburg, PA or Reynosa, MX
All Structural Steel Frames	46.2	31.1	61.8	Greensburg, PA
VLRB, LRB and BMD Series Blast Doors	59	9	63.5	Reynosa, Mexico
Acoustical Metal Door Models 5792190, 5592175, 5492298, 539591, 529185, 5192288, 5192149, 5112042, 509592, 509589, 509575, 509393, 509391, 5012017, 5012016, 4989107, 499590, 4992295, 490462, 4895161, 489383, 4812035, 4812020, 4812019, 479220, 4712168, 4712036, 4712034, 4712033, 4712022, 4712021, 4711214, 4711213, 470463, 4695163, 469387, 469312, 4612041, 4612012, 4611215, 4611212, 460460, 459573, 439572, 439388 **Acoustical Wood Door Models** (door core only) 5021241, 499723, 479725, 4696241, 4612171, 4511251, 449718, 4411252, 4312010, 4312043, 419719	59	9	63.5	Reynosa, Mexico (Some models produced in Greensburg, PA) Spencer, WI
MRB Blast Doors	46.2	31.1	61.8	Greensburg, PA
HRB Blast Doors	46.2	31.1	61.8	Greensburg, PA
GSA Class 5-V, 5-A and 5-B and AR5 Vault Doors	46.2	31.1	61.8	Greensburg, PA
Watertight Doors	46.2	31.1	61.8	Greensburg, PA

Metal Bullet Resistant Doors	59	9	63.5	Reynosa, Mexico
Cold-Formed Window Frames	59	9	63.5	Reynosa, Mexico
All Products made from Galvannealed Steel	23.6	6.6	26.9	Greensburg, PA or Reynosa, MX

MR 6 Credit

Program	Certification	Credit	Requirement
LEED-CS LEED-S	Materials and Resources	Rapidly Renewable Materials MR 6	Use rapidly renewable building materials and products (made from plants that are typically harvested within a ten-year cycle or shorter) for 2.5% of the total value of all building materials and products used on the project based on cost.

To help achieve the MR 6 credit, Overly's Wood Acoustical Series and Bullet-Resistant Series of doors are available with Bamboo Veneers which meet the harvesting requirements.

MR 7 Credit

Program	Certification	Credit	Requirement
LEED-NC	Materials and Resources	Certified Wood MR 7	Use a minimum of 50% of wood based materials and products, which are certified in accordance with the Forest Stewardship Council's (FSC) Principles and Criteria, for wood building components.

To help achieve the MR 7 credit, Overly's Wood Acoustical Series and Bullet-Resistant Series of doors are available FSC materials and FSC Chain of Custody thru our 3rd party registration with Scientific Certification Systems (SCS). Our certification number is SCS-COC-003417.

Indoor Environmental Quality (IEQ) Credits Information

IEQ 4.1 and 4.2 Credits

Program	Certification	Credit	Requirement
LEED-NC LEED-CS LEEDS-S LEEDS-CI	Low-Emitting Materials	Adhesives, Sealants, Paintings, Coatings IEQ 4.1 IEQ 4.2	Reduce the quantity of indoor air contaminants that are odorous, irritating and/or harmful to the comfort and well-being of installers and occupants.

To help achieve the IEQ 4.1 and 4.2 credits, All of Overly's door and frame products have no measurable latent VOC emissions exist at the time of installation. Additionally, Overly's Wood Acoustical Series and Bullet-Resistant Series of doors are available factory pre-finished as to avoid the need for field finishing of the doors.

IEQ 4.4 Credit

Program	Certification	Credit	Requirement
LEED-NC LEED-CS LEEDS-S LEEDS-CI	Low-Emitting Materials	IEQ 4.4	Reduce the quantity of indoor air contaminants that are odorous, irritating and/or harmful to the comfort and well-being of installers and occupants. Composite wood and agrifiber products used on the interior of the building (i.e. inside the weatherproofing system) must contain no added urea-formaldehyde (NAUF) resins. A point is earned if no composite wood products used in the building contain added urea formaldehyde resin.

To help achieve the IEQ 4.4 credit, Overly's Wood Acoustical Series and Bullet-Resistant Series of doors are manufactured and assembled with composite wood and agrifiber components that contain no added urea-formaldehyde resins/adhesives.

IEQ 8.1 and 8.2 Credits

Program	Certification	Credit	Requirement
LEED-NC LEED-CS LEEDS-S LEEDS-CI	Daylight and Views	IEQ 8.1 IEQ 8.2	To provide building occupants with a connection between indoor spaces and the outdoors through the introduction of daylight and views into the regularly occupied areas of the building.

To help achieve the IEQ 8.1 and 8.2 credits, all of Overly's metal door and frame products can be utilized in exterior applications and can incorporate vision lights in the doors and additionally sidelights in the frames to increase the introduction of daylight and views to the exterior.

LEEDS for Schools Credits

IEQ 9 Credit

Program	Certification	Credit	Requirement
LEED-NC LEED-S	Enhanced Acoustical Performance	IEQ 9	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.

To help achieve the IEQ 9 credit, Overly offers a complete line of both metal and wood sound control STC rated openings from STC 41 to STC 57. Additionally we also offer STC rated fixed sound control metal window systems from STC 42 to STC55.