

U.S. Green Building Council LEED Rating Statement

Based on review of current LEED rating systems for applicability to architectural flush wood doors, GRAHAM states the following.

Applicable LEED Programs and Credits:

Materials and Resources: Recycled Content

Program	Checklist	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 values of the material in the project.
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.

NC = New Construction CS = Core and Shell S = School CI = Commercial Interiors

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.

GRAHAM Product	Post-consumer Recycled Content	Pre-consumer Recycled Content*	Total LEED Recycled Content Percentage*
Particle Core (PC)	0	70%	35%
Engineered Core (EC)	0	0	0
Stave Core (SL)	0	0	0
Agri-Core (AP)	0	70%	35%
FD45 AP	0	70%	35%
FD 45/60/90	N/A	N/A	N/A
Thermal-Fused (GTF-PC)	0	75%	37.5%

* Based on 1-3/4" X 3'0" X 7'0" Nominal Birch Door

Materials and Resources: Regional Materials

Program	Checklist	Credit	Requirement
LEED-NC LEED-CS LEED-S	Materials and Resources	Regional Materials MR 5.1	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% (based on cost) of the total material value.
LEED-NC LEED-CS LEED-S	Materials and Resources	Regional Materials 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 an additional 10% beyond MR Credit 5.1 (total of 20% based on cost) of the total material value.

Materials and Resources: Regional Materials (cont.)

GRAHAM Product	Regional Material Information
Agri-Core (AP) FD 45 AP	70%* of the door is harvested and processed in Mankato, MN. Final assembly is in Mason City, IA

Program	Checklist	Credit	Requirement
LEED-CI	Materials and Resources	Regional Materials MR 5.1	Use a minimum of 20% of the combined value of construction and Division 12 (Furniture) materials and products that are manufactured* regionally within a radius of 500 miles. <i>*Manufactured refers to the final assembly of components</i>

GRAHAM Product	Regional Material Information
PC, EC, SL, AP, AP45, FD45, FD60, FD90	Final assembly is in Mason City, IA
Thermal Fused GTF	Final assembly is in Springfield, MO

Materials and Resources: Rapidly Renewable Materials

Program	Checklist	Credit	Requirement
LEED-NC LEED-S LEED-CI	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 total value of all building materials and products used in the project, based on cost.

GRAHAM AP and AP45 doors contain 70%* Wheat Core.

*Based on 1-3/4" x 3'0" x 7'0" Nominal BirchDoor

Indoor Environmental Quality: Low Emitting Materials

Program	Checklist	Credit	Requirement
LEED-NC LEED-CS LEED-CI	Indoor Environmental Quality	Low Emitting Materials MR 4.4	Composite wood and Agrifiber products used on the interior of the building shall contain no added urea-formaldehyde resins. Composite wood and Agrifiber products are defined as: particleboard, medium density fiberboard (MDF), plywood, wheat board, strawboard, panel substrates, and door core.

GRAHAM Product	Urea Formaldehyde Statement
Engineered Core (EC) Stave Core (SL) Agri-Core (AP) FD 45 AP	GRAHAM Engineered Core (EC), Stave Core (SL), and Agri-Core (AP and FD 45 AP) doors do not contain any added Urea Formaldehyde ¹ . ¹ With optional Urea Formaldehyde Free Skins; contact Factory for pricing, lead-time, and availability.