

environmentally
beautiful[™]
doors



masonite brings “green” to your door

Masonite’s Commitment to Environmental Responsibility

From the environmentally conscious homeowner to the professional architect designing projects to achieve a “Green” industry certification, Masonite has the solution with Safe ‘N Sound®, Safe ‘N Sound® Emerald™ and our new Hollow Core Emerald™ Molded Panel Doors.

With Safe ‘N Sound and Emerald Series construction, you never have to sacrifice design or quality for environmental stewardship. Safe ‘N Sound and Emerald doors continue to satisfy virtually any design or application requirement and continue to maintain the high quality characteristics that Masonite customers have come to expect.

■ Masonite’s Environmentally Beautiful™ Products

Preserving the environment does not need to require that you sacrifice design or quality, at least when Masonite doors are concerned. Masonite continues to offer many Environmentally Beautiful™ Doors that are truly environmentally responsible and can also provide a solution for “Green” specifiers by contributing to industry certifications. The Safe ‘N Sound®, Safe ‘N Sound® Emerald™ and Hollow Core Emerald™ are the most recent products to be introduced that can contribute to industry certifications. See inside this Brochure.

■ Masonite’s Energy Conservation

ENERGY STAR is a Department of Energy program that rewards consumers and builders for selecting energy efficient products. Masonite Steel and Fiberglass Entry Doors can be assembled to qualify for ENERGY STAR. Find out more inside.

■ Masonite’s Commitment to Sustainable Forestry

Without question, preserving our natural resources requires a commitment to forest management. Forestry certification helps identify wood supplies that originate in responsibly managed forests. Masonite strives to purchase wood products that are identified for sustainable forest management or controlled wood process.

■ Masonite’s Renewable Materials

We are reducing our environmental impact by using wood fiber from well managed forests and other renewable biomaterial such as wheat straw in our interior door products.

■ Masonite’s Recycled Content

Recycling has a significant positive effect on the environment. Where possible, Masonite utilizes recycled materials in our doors. Examples of components that have Pre-Consumer recycled content are interior molded door facings, wheatcore, particleboard and fiber products.

■ Masonite’s Manufacturing Impact

We employ environmental management systems intended to ensure compliance with all environmental laws and regulations. As well, we pride ourselves in workplaces that are safe and healthy.

■ Masonite’s Logistics

Recognizing that transporting products consumes energy, Masonite has created regional manufacturing plants, thus minimizing the amount of travel necessary to provide superior quality doors to our customers.

■ Masonite’s Ability to Contribute to “Green” Building Certifications

Many of our products can contribute to point-based building certifications such as USGBC® LEED®, NAHB National Green Building Program™, as well as individual local and regional environmental building programs.

■ Masonite’s CARB Compliance

The California Air Resources Board (CARB) has passed a regulation limiting the amount of formaldehyde emissions from composite wood products sold or supplied for use in California. Masonite offers CARB compliant products to customers in the California area to meet this regulation.

certifications

environmentally beautiful



safe n sound
SOLID CORE MOLDED PANEL DOORS

(1-3/8" thickness)

Answering the call for a "Green" sound-reducing interior door, comes the environmentally responsible Safe 'N Sound, manufactured with DorCor™, an essential ingredient in making this product "Green." DorCor is a low density fiberboard made from wheat straw, an annually renewable agricultural wheat by-product.

safe n sound
EMERALD™ SOLID CORE MOLDED PANEL DOORS

(1-3/8", 1-3/4" thickness)

Utilizing DorCor, Safe 'N Sound Emerald has all of the green features of the standard Safe 'N Sound door with the added attributes of being Forest Stewardship Council (FSC) certified and containing No Added Urea-Formaldehyde, plus a 20-minute fire rating is available in 1-3/4" thickness.

Safe 'N Sound Emerald provides a solution for "Green" specifiers by contributing to industry certifications such as the USGBC® LEED® program, NAHB National Green Building Program™, as well as individual local and regional environmental building programs.



- Safe 'N Sound® & Safe 'N Sound® Emerald™ brings you:
- Heft and Feel of Solid Wood**
Get the extra weight and hefty feel of a solid wood door with DorCor. DorCor gives Masonite Molded Panel Doors added dimensional stability and provides complete support for multiple-panel designs.
 - Easy Installation**
DorCor is lighter than conventional particleboard core allowing for easier handling, installation and less hinge and jamb wear.
 - Reduces Sound Transmission**
Safe 'N Sound significantly reduces sound transmission versus a standard hollow-core flush door.
Note: 1-3/8" inoperable doors tested per ASTM E90-97 and E413-87
 - Beauty of Wood**
Primed smooth or textured wood-grain surface provides the look and feel of a solid wood panel door.



Hollow Core Emerald™ Molded Panel Doors (1-3/8" thickness)

Masonite proudly introduces the Hollow Core Emerald Molded Panel Door with many of the same "green" features and attributes of the Safe 'N Sound Emerald, yet with a hollow core, offering an alternate solution to "Green" projects and budget-minded specifiers and customers.



Safe 'N Sound, Safe 'N Sound Emerald & Hollow Core Emerald "green" attributes

Rapidly Renewable Materials
Safe 'N Sound and Safe 'N Sound Emerald doors are manufactured with DorCor, which is produced from rapidly renewable wheat straw/fiber.

Pre-Consumer Recycled Content
DorCor used in Safe 'N Sound and Safe 'N Sound Emerald is produced from pre-consumer recycled wheat straw. The Molded facings used in these products, as well as, the Hollow Core Emerald are produced from wood chips that have pre-consumer recycled content.

Environmentally Preferred Products – Low Emissions Adhesives and Sealants
Adhesives used in the door assembly of Safe 'N Sound, Safe 'N Sound Emerald and Hollow Core Emerald contain low levels of VOC (volatile organic compounds).

Resource Efficient Materials
Safe 'N Sound, Safe 'N Sound Emerald and Hollow Core Emerald door components consist of engineered composite materials, using less material to meet the same end-use requirements as conventional doors.

Indoor Environmental Quality
Although formaldehyde is a naturally occurring compound in wood:
 ■ Safe 'N Sound doors meet ANSI 208.1 and ANSI 208.2 formaldehyde emissions standards for particleboard and medium density fiberboard.
 ■ Safe 'N Sound Emerald and Hollow Core Emerald doors pass Indoor Air Quality test requirements according to CA DHS Section 01350.

No Added UF (Urea-Formaldehyde)
No urea-formaldehyde was used in the Safe 'N Sound, Emerald or Hollow Core Emerald manufacturing process. All adhesives and binders used are urea-formaldehyde free.

FSC Certified – Commitment to Sustainable Forestry
Safe 'N Sound Emerald Molded Doors are FSC certified – manufactured from wood products that are third party certified for sustainable forest management.

design & size options

Safe 'N Sound® and Safe 'N Sound® Emerald™ Solid Core, plus Hollow Core Emerald construction is offered in Masonite® Molded Panel Series and Masonite® Anniversary Collection designs.

thickness
1-3/8" width for Safe 'N Sound, Safe 'N Sound Emerald and Hollow Core Emerald
1-3/4" width – with and without 20 minute fire rating available in Safe 'N Sound Emerald Solid Core

size availability
Available as passage and bifold doors (1-3/8" only) in 80", 84" and 96" heights; 12" through 36" passage widths; 24" through 72" bifold widths.

	MOLDED PANEL SERIES®										ANNIVERSARY COLLECTION		
	2-panel arch-top	2-panel arch-top	2-panel roman	2-panel smooth	2-panel textured	4-panel arch-top	4-panel textured	4-panel smooth	6-panel textured	6-panel smooth	Cheyenne®	Glenview®	Riverside®
Height 80"	•	•	•	•	•	•	•	•	•	•	•	•	•
Height 84"	-	•	•	•	-	-	-	-	•	•	-	-	-
Height 96"	-	•	•	•	-	-	-	-	•	•	-	-	•

green association & certification cross reference

	safe n sound SOLID CORE MOLDED PANEL DOORS	Hollow Core EMERALD™ SOLID CORE MOLDED PANEL DOORS	safe n sound EMERALD™ SOLID CORE MOLDED PANEL DOORS
	1-3/8" Safe 'N Sound Molded	1-3/8" Hollow Core Emerald NEW	1-3/8" SNS Emerald 1-3/4" SNS Emerald – NEW 1-3/4" SNS Emerald (20min) – NEW
Low Formaldehyde / VOC emissions	YES	YES	YES
Pre-Consumer Recycled Content	YES	YES	YES
Rapidly Renewable Materials	YES	-	YES
Resource Efficient Materials	YES	YES	YES
Environmentally Preferred Products – Low Emissions Adhesives and Sealants	YES	YES	YES
No added Urea-Formaldehyde	-	YES	YES
Certified Wood	-	-	YES
USGBC® – LEED® – H			
Pre-Consumer Recycled Content	YES – MR 2.2	-	YES – MR 2.2
Environmentally Preferred Products – Low Emissions Adhesives and Sealants	YES – MR 2.2	YES – MR 2.2	YES – MR 2.2
Certified Wood	-	-	YES – MR 2.1
NAHB – National Green Building Program™			
Low Formaldehyde / VOC emissions	YES – 901.4	YES – 901.4	YES – 901.4
Pre-Consumer Recycled Content	YES – 604.1	YES – 604.1	YES – 604.1
Renewable Materials	YES – 606.1	-	YES – 606.1
Resource Efficient Materials	YES – 607.1	YES – 607.1	YES – 607.1
No added Urea-Formaldehyde	-	YES – 901.4	YES – 901.4
Certified Wood	-	-	YES – 606.2
USGBC® – LEED® NC v2.2			
Pre-Consumer Recycled Content	YES – MR 4.1 & 4.2	YES – MR 4.1 & 4.2	YES – MR 4.1 & 4.2
Rapidly Renewable Materials	YES – MR 6.0	-	YES – MR 6.0
No added Urea-Formaldehyde	-	YES – EQ 4.4	YES – EQ 4.4
Certified Wood	-	-	YES – MR 7.0

- For technical specification information, please visit our website at www.masonite.com or contact us at 800-663-DOOR (3667).
- This product contributes to satisfying the above credits of the U.S. Green Building Council's LEED Green Building Rating System™. For more information on LEED, visit www.usgbc.org.
- For more information on the NAHB National Green Building Program™, visit www.nahb.org.
- Evaluations of the Green Certifications above are provided as a courtesy for Masonite customers, further confirmation should be completed on a project basis by consulting the certification guidelines or contacting an association representative for verification.
- USGBC® and LEED® are registered trademarks of the U.S. Green Building Council.



masonite is an **ENERGYSTAR** partner



We offer a variety of doors capable of meeting **ENERGY STAR** requirements in all 4 climate zones.



Masonite doors are an essential component in an ENERGY STAR entrance.

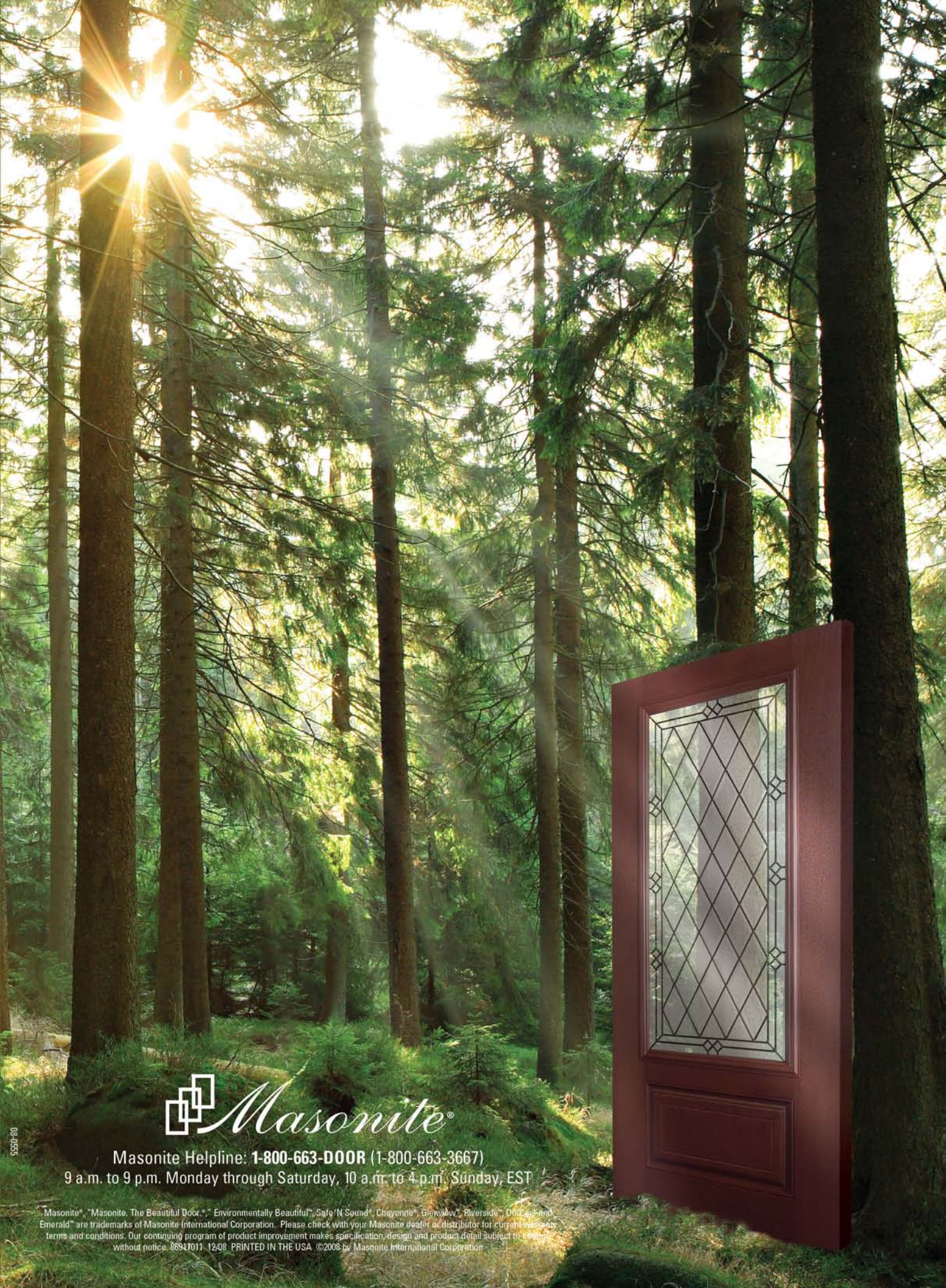
Meeting ENERGY STAR qualifications is about all the components of the door system working together. At Masonite, we use premium materials and construction techniques to make the best door and glass combination possible.

For more information on the energy performance ratings of Masonite products, please visit our website at www.masonite.com.



- Premium Foam**
All of our fiberglass and steel doors feature a rapidly expanding closed cell polyurethane foam which is one of the best insulators available today. Our doors are factory foamed under pressure to fill every nook and cranny possible to ensure uniform insulation.
- Weather Tight Construction**
Because doors are evaluated on the entire system and not just foam thickness, engineered details like our wrap-around steel construction, designed thermal breaks, and composite bottom rails all contribute to becoming Energy Star qualified.
- Multiple Glass Panes**
To ensure minimal energy loss, Masonite's Specialty™ Glass uses multiple glass pane insulated construction on all doors and Low-E options are also available to create the optimum barrier to energy loss.





 *Masonite*[®]

Masonite Helpline: **1-800-663-DOOR (1-800-663-3667)**
9 a.m. to 9 p.m. Monday through Saturday, 10 a.m. to 4 p.m. Sunday, EST

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