

DOOR PRESS

A Marketing/Communications Publication

Sidelights



By Amanda Paulsen
 Communications Coordinator

Corporate marketing has recently updated several brochures with the latest information from VT Industries architectural wood doors.

The *Product Offering* brochure has been updated to provide information on the complete product line with expanded information on 5-ply wood veneer, high pressure decorative laminate, stile & rail and profiled doors. This new brochure features additional information on environmentally friendly doors, wood door jambs and life safety requirements.



The *Factory Finish* brochure has also been updated to meet brand guidelines. It contains information on VT's Permaguard™ factory finish system.

The *LEED Opportunities* flyer has been updated to reflect the changes in the LEED 2.2 certification and how VT Industries can assist in achieving those points for projects registered with the U.S. Green Building Council (USGBC) after Jan. 1, 2006.

For copies of these new brochures, please contact your customer service representative at 800.827.1615 or request them online at <http://www.vtindustries.com/doors/LiteratureRequest.shtml>. ■

Wilsonart FineGrain Premium Finish Offers The Look and Feel of Hand-Rubbed Wood

A new finish texture that contains an ultra-fine and narrow grain structure with a polished sheen of hand-rubbed wood is now available from Wilsonart Laminate, according to Alison P. DeMartino, Manager, Marketing Communications.

The new FineGrain Premium Finish designs are a "far cry" from the faux wood patterns of the past, DeMartino noted. "This sophisticated finish offers the realistic look of expensive wood veneer with the dependable, reliable and durable performance of high pressure decorative laminate."

Ideal for doors

Wilsonart Laminate's FineGrain Premium Finish is ideal for use on architectural wood doors, DeMartino emphasized. "The finish is available on any of our woodgrain designs, enabling architects and specifiers to order doors that have the look and feel of high-end wood veneer," DeMartino said.

Although FineGrain Premium Finish provides a polished surface appearance

with subtle ticking, it performs like a traditional laminate. "Fingerprints will not show up on its surface any more than it will on a standard matte finish," DeMartino said.



Nepal Teak is one of the new FineGrain Premium Finish designs now available from WilsonArt.

Doors made from woodgrain patterns with FineGrain Premium Finish wear well for years, can be updated as needed for a fraction of the cost compared to wood veneer, and are uniform in appearance.

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New Intertek/Warnock Hersey Approvals Expand VT Stile & Rail, Profile and Agrifiber Product Lines

Based on successful testing by Intertek/Warnock Hersey this summer, VT Industries has achieved several new positive pressure fire ratings, according to Tom Hoffert, technical development manager.

All of the approvals are Category A rated in accordance with UBC 7-2 (1997) "Fire Tests of Door Assemblies," NFPA 252 and UL 10C. Category A fire door construction is considered the preferred method to assure life safety compliance, liability protection and aesthetic appeal, Hoffert explained.

No intumescent required

Single opening, 4-0 x 7-0 x 1-3/4 inches stile & rail doors and profile doors from VT Industries now qualify for 20-minute

positive pressure fire door labeling without the use of intumescent.

Also meeting the 20-minute positive pressure requirement without the use of intumescent are VT single opening, flush wood doors with agrifiber cores up to 4-0 x 9-0 manufactured from wheat straw, soybean straw and other rapidly renewable materials.

"These approvals are significant considering that most interior wood doors used for schools, hospitals, hospitality and commercial buildings are single, 20-minute fire doors," Hoffert noted.

Eliminating intumescent from these 20-minute positive pressure fire doors

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New Intertek/Warnock Hersey Approvals Expand VT Stile & Rail, Profile and Agrifiber Product Lines

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duplicates the success of testing more than six years ago that involved VT flush wood doors, Hoffert recalled. "Both then and now, our doors passed the positive pressure test designed to reflect real fire conditions."

Where 20-minute fire doors are used in pairs, VT will continue to use intumescent as part of the door's edge-sealing system. Intumescent is concealed inside the door's edge as part of its construction to maintain the visual integrity of the total opening.

Other approvals

New positive pressure fire door approvals involving use of concealed intumescent include:

- 20-minute single STC 45 (acoustical) doors in 4-0 x 8-0 x 1-3/4 inches maximum opening size.
(Note: VT acoustical doors are 1-3/4 inches thick compared to other manufacturers whose STC doors are 2-1/4 inches thick requiring a different frame depth.)
- 90-minute single-swing stile & rail doors, 3-6 x 8-0 x 1-3/4 inches maximum opening size.
- 90-minute positive pressure fire rating for stile & rail doors, pairs, standard swing, 7-0 x 8-0 x 1-3/4 inches maximum opening size.

- 45- and 60-minute agrifiber core doors with lite cutouts (864 sq. in. 45-minute opening wire, listed ceramic glazing and 100 sq. in. 60-minute wire, listed ceramic glazing).

"Regardless of whether our positive pressure fire doors are constructed with or without intumescent, they arrive at the jobsite ready to hang, making installation considerably easier," Hoffert said.

Ensure proper labeling

Architects and specifiers are reminded to always include details of the final installation, such as frame type, hardware and gaskets to be used in their specifications.

"This information must be communicated by the project coordinator, distributor or individual coordinating the order for opening assemblies at the time of bid," Hoffert added. "This is necessary so the door manufacturer can provide the proper construction and fire label." ■



Several Options Available With VT Stile & Rail Doors



By **Tim Petersen**
National Sales Manager

VT stile & rail doors are gaining recognition throughout the marketplace. The quality craftsmanship and attention to detail in each stile & rail door sets them apart as VT continues to advance the manufacturing process.

We now offer 1/2" muntins on stile & rail glazed doors as our standard. The previously available 15/16" muntin is still available as an option. You now have a choice as to which muntin size you choose for the look that you need.

VT stile & rail doors are available in a variety of veneer species and factory finish colors to complement 5-ply flush wood veneer doors. The ability to order your stile & rail and flush doors from the same manufacturer is a great selling point with any architectural firm.

Our stile & rail doors are manufactured using doweled construction with matching

hardwood edges for maximum performance in our state-of-the-art production facility.

Due to ongoing fire testing, VT stile & rail doors are available in 20-, 45-, 60- and 90-minute fire ratings to meet positive pressure standards.

full array of domestic and imported hardwoods. VT stile & rail doors meet WDMA I.S. 6-A Custom Grade quality standards.

VT Permaguard™ factory finish system provides a WDMA TR-6 catalyzed

'We now offer 1/2" muntins on stile & rail glazed doors as our standard'

We offer 29 standard elevations which include an array of looks utilizing raised panels, flat panels, glass and louvers. We also offer custom designs within component dimension parameters. The variety of choices we offer gives the design community the opportunity to develop their perfect design and to achieve their desired aesthetics.

Choose from several sticking options including ovolo, ogee or square to provide virtually unlimited design options with a

polyurethane factory finish to match VT flush wood doors. WDMA OP-9 factory painting is also available on VT stile & rail doors.

All VT doors including stile & rail are factory machined to exacting requirements for hardware-including pre-drilled pilot holes for hinges and faceplates for quick, accurate installation. The top and bottom rails are sealed on factory finished doors. All doors are individually packaged for maximum protection. ■

Wilsonart FineGrain Premium Finish Offers The Look and Feel of Hand-Rubbed Wood

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Finegrain Premium Finish Wild Cherry

“Woodgrain laminate offers consistency from sheet to sheet, so you’re not dealing with variations in color or from staining accidents that can happen when field finishing real wood veneer,” DeMartino said. “Woodgrain laminates are used extensively in the hospitality industry where designers often will match furniture, cabinetry and doors.”

FineGrain Premium Finish is also easy to order, DeMartino said. “When you’re ordering any laminate design, the first four digits represent the pattern number and the last two digits are the finish you want. FineGrain Premium Finish number is 78,” she explained.

Attractive designs

The new FineGrain Premium Finish is featured on a special collection of woodgrain laminates that showcase 16 designs representing both standard and factory order groupings from Wilsonart.

The FineGrain Collection features both traditional and exotic species that range in tones from the palest maple to rich, dark cherry woods and recent exotics including Zebrawood. Specific designs in the collection include:

- **New Age Oak** – This soft, close-grain structure in a bleached coloration consists of fine lines and feathery cathedrals.
- **River Cherry** – With striped and planked grain, this chocolate rendition of Cherry offers casual, linear quality that includes soft, rolling movement and partial cathedrals.
- **Williamsburg Cherry** – Rich in traditional grain structure, this 18th Century

Cherry has a reddish-brown coloring and hand-rubbed appearance.

- **Sanara and Zaffran** – These two patterns represents a vivid new look of linear, rich and exotic species from around the world.

The entire FineGrain Collection can be viewed online at <http://www.wilsonart.com/design/wistore/store/listcategoriesandproducts.asp>.

Performance plus

Woodgrain laminates made with FineGrain Premium Finish conform to all voluntary standards of the American National Standards Institute/National Electrical Manufacturers Association (ANSI/NEMA) LDS-2000 for thickness, wear, cleanability, appearance and other performance properties.

VT woodgrain laminate doors made with the new finish meet positive pressure fire door requirements without sacrificing aesthetics. The laminate edges are applied before face, minimizing the appearance of seams.

“And when you think about it, our woodgrain laminates make a better environmental choice since rare and slow-growing trees were not harvested to produce the finished product,” DeMartino added.

The GREENGUARD Environmental Institute has awarded its Indoor Air Quality Certification to Wilsonart Laminate based on stringent testing. All GREENGUARD Indoor Air Quality Certified products ensure minimal impact on the indoor environment as a result of meeting standards for low-emitting products. ■

Agrifiber Core Doors Approved for Listing In GreenSpecOnline Directory

VT Industries has been notified that its agrifiber core architectural wood doors and EQcountertops will be listed in the *GreenSpec Online Directory* published by BuildingGreen, Inc. (www.buildinggreen.com). Both VT products will also appear in future printed versions of *GreenSpec Directory*.

Both publications are used by architects to research



www.GreenSpec.com

qualified and certified green building products that are carefully screened by the editors of *Environmental Building News* using criteria they have developed over more than 10 years.

Selection criteria include recycled content, FSC-certified wood, avoidance of toxic constituents, reduction of construction impacts, energy or water savings, and contributing to a safe, healthy indoor environment.

250 CATEGORIES COVERED

Manufacturers do not pay to have products included in *GreenSpec*, according to Alex Wilson, president of BuildingGreen, Inc.

“We base selections on careful in-house review by our editorial staff,” Wilson noted.

Directory listings cover more than 250 categories—from access flooring to doors and windows. Included in each listing are product descriptions, environmental characteristics and considerations, and manufacturer contact information with Internet addresses.

The *GreenSpec Directory* also includes guideline specifications language that can help architects and specifiers develop green project specifications.

BuildingGreen, Inc., has been providing the building industry with information on sustainable design and construction since the company was founded in 1985. The company’s flagship publication, *Environmental Building News*, is the nation’s oldest source of information on green building practices.

BuildingGreen’s subscribers include most architecture, engineering, and construction firms with an interest in green buildings, as well as building professionals in other organizations and agencies. For information, visit www.BuildingGreen.com or call 802-257-7300. ■

Architectural Doors Meet GREENGUARD Emission Standards



By Tom Hoffert
Technical Development Manager

Particleboard core doors from VT Industries (wood veneer door type 5502-2 and HPDL door type 404-3) meet acceptable GREENGUARD Environmental Institute (GEI) indoor air quality criteria, according to tests conducted earlier this year.

The doors were tested by Air Quality Sciences Inc. based in Atlanta, Georgia, in accordance with the following environmental chamber guidelines:

- ASTM Small and Full-scale Chamber Standards, D5116-97 and D6670.
- The U.S. Environmental Protection Agency’s Environmental Technology Verification (ETV) protocol
- The State of Washington (SOW)

Each door was placed in an environmental chamber and monitored for emissions of total volatile organic compounds (TVOCs), formaldehyde, total aldehydes and other

individual volatile organic compounds (iVOCs) over a one-week period.

The emissions levels were shown not to exceed the maximum allowable air concentrations at 96 hours (representing five elapsed days from product installation in a building).

GEI is an industry independent, non-profit organization that oversees the GREENGUARD Certification Program. As an ANSI Accredited Standards Developer, the GEI establishes acceptable standards for indoor products and testing protocols.

The GEI program evolved out of the original AQSpec List™ program developed by Air Quality Sciences, Inc. in 1996. The original AQSpec List program was established to identify those manufacturers and products that had been tested and found to meet the general product emissions standards established by the State of Washington and the office furniture emissions standard established by the U.S. Environmental Protection Agency.

Agrifiber core update

Architectural flush wood doors made from agrifiber cores can assist in achieving the following Leadership in Energy and

Environmental Design (LEED) certification in a number of categories (see Table 1).

Agrifiber cores made from 100 percent recycled fiber content meet or exceed the American National Standards Institute (ANSI)/A208.1 Grade 1-LD-2 for wood particleboard.

Architectural flush wood doors made from agrifiber cores use a methylene diphenyl isocyanate (MDI) bonding system that meets requirements for low volatile organic compounds (VOCs) and no added urea formaldehyde resins.

Doors with agrifiber cores will use VT door types 909 for high pressure decorative laminate (HPDL) and 5509 for wood veneer, non-rated doors. For 20-minute through 60-minute neutral and positive pressure fire doors, VT door types are 9P09 and 5P09 (see Table 2).

VT doors manufactured from agrifiber cores are constructed to meet Intertek/Warnock Hersey Category A guidelines for 20-minute positive pressure fire-rated doors, which allows them to be hung without any surface-applied intumescent.

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THE LEED 2.2 GREEN BUILDING RATING SYSTEM™

MATERIALS & RESOURCES	INTENT
4.1 Recycled Content: 10% (post-consumer + ½ pre-consumer)	Increase demand for building products that incorporate recycled content materials, thereby reducing the impacts resulting from extraction and processing of virgin materials.
4.2 Recycled Content: 20% (post-consumer + ½ pre-consumer)	Increase demand for building products that incorporate recycled content materials, thereby reducing the impacts resulting from extraction and processing of virgin materials.
5.1 Regional Materials: 10% Extracted, Processed, and Manufactured Regionally	Increase demand for building materials and products that are extracted and manufactured within the region, thereby supporting the use of indigenous resources and reducing the environmental impacts resulting from transportation.
5.2 Regional Materials: 20% Extracted, Processed, and Manufactured Regionally	Increase demand for building materials and products that are extracted and manufactured within the region, thereby supporting the use of indigenous resources and reducing the environmental impacts resulting from transportation.
6 Rapidly Renewable Materials	Reduce the use and depletion of finite raw materials and long-cycle renewable materials by replacing them with rapidly renewable materials.
7 Certified Wood	Encourage environmentally responsible forest management.
INDOOR ENVIRONMENTAL QUALITY	INTENT
4.4 Low-Emitting Materials: Composite Wood and Agrifiber Products	Reduce the quantity of indoor air contaminants that are odorous, irritating and/or harmful to the comfort and well-being of installers and occupants.

Table 1

Quick Tips

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Doors with slat louvers are swing sensitive, so to ensure privacy in rooms that have these doors, use the following procedure:

- For regular swing doors, the high edge of the slat should be on the hinge face of the door and the low edge of the slat on the stop face of the door.
- For reverse swing doors, the high edge of the slat should be on the stop face of the door and the low edge of the slat on the hinge face of the door.

A new packaging standard is in effect for doors with factory installed items such as lip type glass stops, metal vision panels, applied mouldings or hardware that protrudes beyond the face. Doors will be individually poly-bagged and spacers will be used between the doors to prevent damage.

(For individual Product Updates and Customer Service Updates on these topics, visit the Education Section of www.vtindustries.com.) ■



Dan Hogan Brings 21 Years Experience To Territorial Sales Manager Position

VT Industries, Inc., welcomes Dan Hogan as its new Territorial Sales Manager.

"Dan has exceptional knowledge of veneers, the construction of wood doors and the architectural and construction industry," according to Tim Petersen, national sales manager.

Hogan has over 21 years experience in the door industry in the New York and New Jersey area. Hogan is now responsible for Southern New York, New Jersey, Delaware and Southeastern Pennsylvania.

"He has distinguished himself with his architectural work and presentation skills," Petersen added. "He has been intricately involved with extensive training programs focused on not only the architectural community but also on the distributor side of the business." ■

VT Door Type	909	9P09	5509	5P09
Core Material	Agrifiber	Agrifiber	Agrifiber	Agrifiber
Face Material	HPDL	HPDL	Veneer	Veneer
Fire Rating	None 20-min. single	20-min. 45-min. 60-min.	None 20-min. single	20-min. 45-min. 60-min.
Max Size: Singles	4-0 x 10-0 non-rated 4.0 x 9.0 20-min.	4-0 x 9-0, 20-min. 3-0 x 7-0, 60-min.	4-0 x 10-0 non-rated 4.0 x 9.0 20-min.	4-0 x 9-0 20-min. 3-0 x 7-0, 60-min.
Max Size: Pairs	8-0 x 10-0 Standard & Double Egress, non-rated	8-0 x 9-0, 20-min. (Standard & Double Egress) 6-0 x 7-0 45-min. (Standard only)	8-0 x 10-0 Standard & Double Egress, non-rated	8-0 x 9-0, (Standard & Double Egress 6-0 x 7-0 45-min. (Standard only)
Hardware Maximum lite	Standard 1296 sq. in.	Standard 1296 sq. in., 20-min., 864 sq. in., 45-minute (wire) 1296 sq. in., 45-min., (listed ceramic) 100 sq. in., 60-min. (wire or ceramic)	Standard 1296 sq. in.	Standard 1296 sq. in., 20-min., 864 sq. in., 45-minute (wire) 1296 sq. in., 45 min., (listed ceramic) 100 sq. in., 60-min. (wire or ceramic)

Table 2

Trivia Question

Congratulations to Robert Larson, Builders Hardware & Supply, Inc., for the correct answer to the question, What substrate material provides the "optimum paintable surface, according to the Architectural Woodwork Institute?

Which of these fire door constructions is considered the preferred method to assure life safety compliance, liability protection and aesthetic appeal: Intertek/Warnock Hersey Category A or Intertek/Warnock Hersey Category B?

Answer this question based on this issue of the Door Press for a chance to win a VT prize. Place your answer on an index card with your complete contact information, or the back of your business card, and mail to the address listed. Entries must be postmarked by October 2, 2006. Limit one entry per person, and one winning per year.

The Door Press Trivia
Attn: Amanda Paulsen
VT Industries Inc.
P.O. Box 490
Holstein, IA 51025

VT 50th Anniversary Celebration Draws Huzzahs From President George W. Bush, Other VIPs

The 50th Anniversary of VT Industries has attracted numerous congratulatory comments and letters from long-time customers, vendors and a distinguished line-up of public officials. Following are excerpts from a few of the letters and e-mails received by VT Industries President Doug Clausen and company founder Roger Clausen.



Congratulations to the employees of VT Industries as you celebrate 50 years of service to your customers and to the communities in which you do business. Your years of service demonstrate your commitment to your industry and contribute to the success and prosperity of our Nation. Laura and I send our best wishes for continued success.

– President George W. Bush

Congratulations to the staff of VT Industries and especially to Roger Clausen and his family for the fifty years of diligent work and attention to detail that have permitted VT Industries to grow from a two-man operation in Holstein, Iowa, to an international organization with more than 1,100 employees...This legacy of excellence enriches not only the state of Iowa, but the United States and Canada as well.

– Thomas J. Vilsack, Governor of Iowa and Sally J. Pederson, Lt. Governor of Iowa

Having chosen your hometown to be the headquarters of your corporate office enhances Holstein as a vital area of northwest Iowa. It has been a pleasure of past and present city officials to have a great working relationship with VT Industries and we look forward to a continuation of that partnership. Your pursuit of excellence will ensure the legacy of your company for many years to come.

– Mary Gross, Mayor of Holstein, Iowa



VT Industries' commitment to customer satisfaction and company improvement exemplifies the value of Iowans. The Lean Manufacturing techniques your company utilizes, including the burning of sawdust to heat your facilities and the recycling of scraps are procedures that not only help the environment, but also gives VT Industries an advantage in a very competitive business. All of Iowa should be proud that a company like VT Industries is based in our state. The entire Clausen family should be proud of their company, products, and employees.

– Charles E. Grassley, United States Senate, Iowa

I, Scott Furgeson, Mayor of the City of Shelbyville, Indiana, do hereby congratulate VT INDUSTRIES, INC. for its successes and accomplishments over the past 50 years.

– Scott A. Furgeson, Mayor, Shelbyville, Indiana

Your persistence, hard work, and positive attitude have enabled you to realize this accomplishment. I join your family and friends in saluting you on this fine achievement, and I encourage you to continue pursuing excellence in the years to come.

– John Cornyn, U.S. Senator, Texas



Your 50th anniversary is a milestone that serves as a testament to the achievements in your industry. I understand that VT Industries has grown from a small two person workshop in Holstein to an operating machine throughout North America. Your mission is admirable and your work is important to Iowa and the world.

– Tom Harkin, U.S. Senator, Iowa

Your company is an asset to our community that helps fuel our engine for economic growth. I would also like to send a personal thank you for your company's involvement in our community and local chamber of commerce.

– Lonnie Rubendall, Mayor, Sac City, Iowa

VT Industries has been an important part of Indiana's economy, providing jobs to Hoosiers and servicing the State of Indiana through your Shelbyville location. I salute your commitment and contribution to the vitality of our state's economy. Best wishes for a wonderful celebration of this landmark occasion.

– Mitch Daniels, Governor of Indiana

As one of the country's leading manufacturers of postformed laminate countertops, as well as architectural wood doors and cabinet doors, VT Industries' place in the United States business climate is an inspiration to us all. Within my home state of Indiana, VT Industries shines not only as a stellar employer, but as a positive addition to meeting the needs of the community.

– Dan Burton, Member of Congress, 5th District, Indiana

Your leadership has advanced the companies' achievements through more than just great products: innovation in production, direction, and customer service...I am proud to represent a district that is home to a VT Industries plant – a leader in safety for its workers and the environment.

– Chet Edwards, Member of Congress, 17th District, Texas

Your rise from a two-person operation in 1956 to eight manufacturing facilities throughout North America today is beyond impressive...On behalf of the City of Bryan, we extend best wishes to all those associated with VT Industries.

– Ernie Wentrcek, Mayor of Bryan, Texas



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