



**600 DIFFERENT
SHADES OF DURABLE.**

*Impact-Resistant Fiber
Reinforced Laminate Doors*





WHERE HIGH TRAFFIC MEETS HIGH DESIGN.

In applications such as hospitals, schools, and other high-traffic commercial areas, ordinary doors simply can't stand up to the increased wear-and-tear. When you need the highest level of durability available, you'll find it in VT Fiber Reinforced Laminate (FRL[®]) doors—with the virtually unlimited design freedom of over 600 patterns and wood grains.

Manufactured by VT Industries using today's highest-performance FRL technology, these doors are proven to provide superior impact and wear resistance. Take a look at the performance advantages on the right, and the testing data on back, to see how VT FRL doors provide a more durable and attractive option.





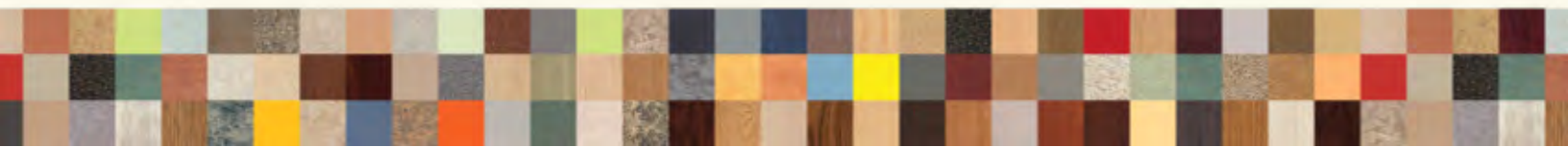
DURABILITY IN THE DETAILS

At VT, we approach durability and impact resistance from every angle. Literally. Our FRL doors are finished on all sides to eliminate unfinished edges, which are prone to harboring dirt, grime, bacteria, and other common threats of high-traffic environments. Constructing the doors with permanent edges also means they're built to last. When you add the protective qualities of the Fiber Reinforced Laminate, you have a combination of durability, impact resistance, and beauty that simply can't be beat.

Mortised stainless steel edges can also be routed into the face of the door, flush with the fiber-reinforced laminate, to create a seamless transition that further reinforces the durability and impact resistance.

VT FRL DOORS OFFER CLEAR PERFORMANCE ADVANTAGES

- Greater affordability
- Superior wear resistance
- Cleanable surface
- GREENGUARD Children & Schools™ Certified®
- More color and pattern options
- Mortised stainless steel edges available
- Edge-before-face design
- Contributes to LEED® credits/projects
- VT FRL doors are fire-rated up to 60 minutes, helping to achieve life-safety requirements.



INDEPENDENTLY TESTED AND PROVEN TO BE THE TOUGHEST.

VT FRL® doors were tested by an independent third party in accordance with NEMA Standards for abrasion, stain resistance, and impact resistance. The following chart represents the results.

TEST	GENERAL & TEST INFORMATION	RESULTS
<p>NEMA LD 3-2005 Section 3.13 - Wear Resistance</p> <p>This test measures the ability of the surface of high-pressure decorative laminate to resist abrasive wear-through of the decorative layer.</p>	<p>FRL outperformed Acrovyn®, standard laminate, and AEON™ laminate in wear resistance testing when measured in accordance with NEMA LD 3-2005 Section 3.13.</p>	<p>FRL Laminate - 3500 Acrovyn® - 1500 AEON™ Laminate - 2250 Standard Laminate - 700</p>
<p>NEMA LD 3-2005 Section 3.8 - Ball Impact Resistance</p> <p>This test measures the ability of the sample to resist fractures due to the impact of a 1.5 inch stainless steel ball when dropped from a specified height. The results reflect the maximum number of inches where no fracturing occurred.</p>	<p>FRL outperformed standard laminate, and AEON™ laminate in impact resistance when measured in accordance with NEMA LD 3-2005 Section 3.8.</p>	<p>FRL Laminate - 60 inches Acrovyn® - 72 inches AEON™ Laminate - 54 inches Standard Laminate - 54 inches</p>
<p>NEMA LD 3-2005 Section 3.4 - Cleanability/Stain Resistance</p> <p>This test evaluates the cleanability and stain resistance of the sample when exposed to 15 reagents for a specified amount of time. The sample is then evaluated and scored. The lower the score, the higher the stain resistance and cleanability.</p>	<p>FRL outperformed Acrovyn® laminate in stain resistance and cleanability when measured in accordance with NEMA LD 3-2005 Section 3.4.</p>	<p>FRL Laminate - 14 Acrovyn® - 18 AEON™ Laminate - 11 Standard Laminate - 12</p>

DURABILITY IN THE DETAILS

All VT doors are backed by one of the finest customer service programs in the industry. VT CORE Distributors are available nationwide, which means you have a local source for door solutions no matter where your project is located. Our extensive and efficient distribution system also means shorter lead times and reliable delivery. So you can count on your FRL doors to arrive on time and to your exact specifications.



P 800.827.1615 (ext. 564) F 712.368.4163

1000 INDUSTRIAL PARK | P.O. BOX 490
HOLSTEIN, IA 51025

