

FIBER REINFORCED LAMINATE® FRL DOORS

INNOVATION AT WORK

VT Industries has partnered with Panolam Industries - the top name in Fiber Reinforced Laminates, to bring the innovative FRL® technology to the door industry. VT's FRL doors offer ultimate durability, beautiful aesthetics, and an affordable price. VT's new Fiber Reinforced Laminate doors are perfect for any project that needs a tough door on a budget.

DURABILITY

VT's FRL doors were tested in accordance to ASTM and NEMA Standards for wear resistance, impact resistance, and stain resistance. The following chart represents the results of independent 3rd party testing.

Test	General & Test Information	Results
NEMA LD 3-2005 Section 3.13 -- Wear Resistance This test measures the ability of the surface of high-pressure decorative laminate to resist abrasive wear-through of the decorative layer.	VT's FRL Doors out performed Acrovyn®, standard laminate, and AEON™ laminate in wear resistance testing when measured in accordance to NEMA LD 3-2005 Section 3.13.	FRL Laminate - 3500 Acrovyn - 1500 AEON Laminate - 2250 Standard Laminate - 700
NEMA LD 3-2005 Section 3.8 -- Ball Impact Resistance 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.	VT's FRL Doors out performed standard laminate and AEON laminate in impact resistance when measured in accordance to NEMA LD 3-2005 Section 3.8.	FRL Laminate - 60 inches Acrovyn - 72 inches AEON Laminate - 54 inches Standard Laminate - 54 inches
NEMA LD 3-2005 Section 3.4 -- Cleanability/ Stain Resistance 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.	VT's FRL Door out performed Acrovyn laminate in stain resistance and cleanability when measured in accordance to NEMA LD 3-2005 Section 3.4.	FRL Laminate - 14 Acrovyn - 18 AEON Laminate - 11 Standard Laminate - 12



DURABILITY. FLEXIBILITY. AFFORDABILITY.

VT Fiber Reinforced Laminate FRL doors are ideal for a wide variety of high-traffic areas such as hospital, school, commercial, and hospitality applications. Available in over 300 patterns and woodgrains, VT's FRL doors provide a solution that fits great within the design plans and the budget.

- VT's FRL doors are available in any color from Panolam's Pionite® or Nevamar® color palettes. To view all colors, visit panolam.com.
- Every FRL Door is GREENGUARD Indoor Air Quality Certified®.
- Panolam's FRL laminates hold a Class A fire rating for flame spread and smoke development.
- Unlike most doors, VT applies the edge before the face of the door – giving it a beautiful, seamless look.

THE VT ADVANTAGE

All VT Doors are backed by one of the finest customer service programs in the industry. VT's CORE Distributors are located all across the country, 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 specification.

