

Aspiro[®] Series Defendr Door System[™]

Door Security Solutions for Schools

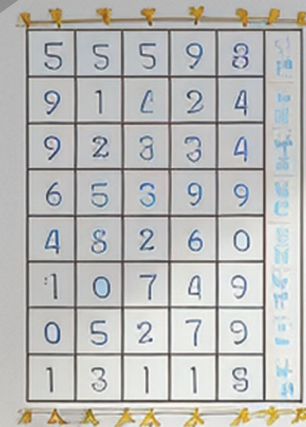
FORTE[™]
OPENING SOLUTIONS



Aspiro® Series Defendr Door System™

An affordable solution that protects students and staff from physical threats inside your school.

Increasing mental health issues and escalating violence can create a threatening school environment. According to the National Center for Education Statistics, school violence is pervasive in our schools. In their Report on Indicators of School Crime and Safety, 80 percent of all public schools reported incidences of violence including rape, sexual assault, robbery, and aggravated assault, as well as theft and other crimes happening in their schools. These events are undermining our schools and creating an environment where students and staff may no longer feel safe. That's why Forte Opening Solutions, in collaboration with security experts, designed the Aspiro Series Defendr Door System – an affordable one-time investment that is a practical solution that adds layers of protection to slow down an attacker until help can arrive.



Aspiro® Series Defendr Door System™

Interior Doors are Key to School Security

The Aspiro Series Defendr Door System is part of an award-winning system designed to create safer spaces throughout the interior of a school, so that any enclosed area — a classroom, auditorium, cafeteria, or media center — can become a safe zone. Whether designing a new school, planning an addition, or performing a security update, Aspiro Series Defendr Door is an affordable, practical addition to every school's security program. And, our door opening solution creates a calm, aesthetically pleasing atmosphere by blending into the overall design of the school.

Ideal for these Interior School Locations:

- Classrooms
- Media Rooms
- Libraries
- Staff Offices
- Special Needs Rooms
- Corridors
- Auditoriums
- Gymnasiums
- Cafeterias
- Laboratories



Aspiro® Series Defendr Door System™

A Complete System – Built to Protect

The Aspiro Series Defendr Door System is designed to be part of a system comprised of multiple components — metal frame, solid core door, hardware, vision kit and security glass — all designed to work together to improve the strength and protective properties of the opening. Consequently, if any part of the system is altered, it may not provide the expected level of protection.

For new construction or additions, the complete Aspiro Series Defendr Door System should be specified. When planning a renovation, maintenance upgrade, or security update, you may opt to re-use existing frames and hardware. In this scenario, the frame should be constructed of 14- or 16-gauge metal and installed properly to minimize bow and flex. The existing hardware should meet ASTM F3561 Standard Test Method for Forced Entry Resistance or FTD-SA Shooter Attack Test Method requirements.

Lifetime Warranty

Aspiro Series Defendr Door System interior door slabs are supported by a Lifetime Warranty subject to the terms, conditions, tolerances, and exclusions contained in the warranty documentation. Visit [forteopenings.com](https://www.forteopenings.com) for more warranty information.



First Classroom Door System Certified to ASTM F3561

The Aspiro® Series Defendr Door System™ sets the national standard for classroom security

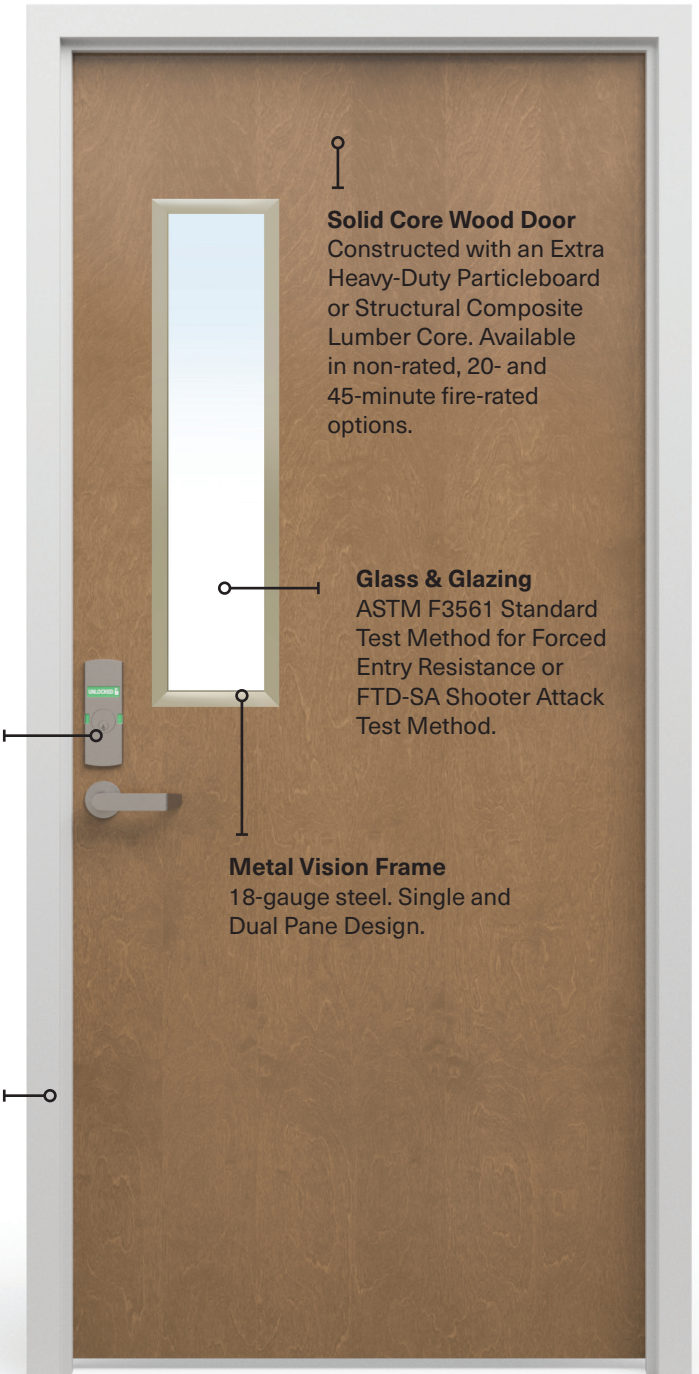
Hardware Options
ASTM F3561 Standard Test Method for Forced Entry Resistance or FTD-SA Shooter Attack Test Method.

Door Frame
14- or 16-gauge hollow metal frame, 3-piece knocked down or welded.

Solid Core Wood Door
Constructed with an Extra Heavy-Duty Particleboard or Structural Composite Lumber Core. Available in non-rated, 20- and 45-minute fire-rated options.

Glass & Glazing
ASTM F3561 Standard Test Method for Forced Entry Resistance or FTD-SA Shooter Attack Test Method.

Metal Vision Frame
18-gauge steel. Single and Dual Pane Design.



Aspiro® Series Defendr Door System™

Forte™ Security Tiers – Simplifying Specification

1. ASTM Certified Doors

The highest level of security. These assemblies are fully tested and third-party certified to ASTM F3561, providing verified protection against coordinated ballistic and forced-entry attacks.

Labels are provided for clear identification and compliance verification.

2. FTD-SA Tested Doors

Doors that have passed FTD-SA Shooter Attack Test Method. These configurations may include fire-rated cores, attack-resistant glass, and vision panels. Testing simulates real-world ballistic and forced-entry conditions on the complete door assembly.

3. Security Enhanced Doors

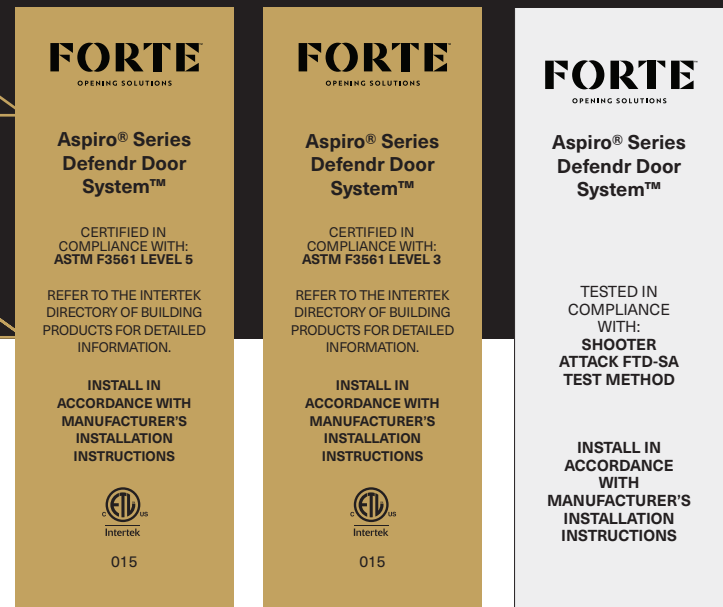
Reinforced security doors designed to offer increased protection beyond standard construction. These configurations may include attack-resistant glazing and strengthened components but are not certified or labeled to ASTM F3561 or FTD-SA.

By clearly defining these tiers, Forte makes it easier for architects, distributors, and building owners to match the appropriate level of protection to each project's performance requirements and budget.

FTD-SA Tested: A Proven, Viable Security Option

Our FTD-SA tested door assemblies remain a strong and viable security solution. These systems were rigorously third-party tested to forced-entry criteria closely aligned with what later became ASTM F3561—though they are not formally certified to the standard.

While select assemblies now carry ASTM F3561 certification, our broader portfolio of FTD-SA tested options provides greater flexibility across constructions and applications, backed by verified performance and a longstanding commitment to enhanced security.



Performance You Can Specify. Protection You Can Trust.

Aspiro® Series Defendr doors are clearly labeled to simplify specification and give architects and building owners confidence that the full assembly—door, frame, glazing, and hardware—has been tested together. Only fully tested assemblies can be represented as certified.

Certified Label

This assembly passes ASTM F3561 with third-party certification and clearly shows the verified performance level.

Tested Label

This assembly passes FTD-SA testing and meets the same performance criteria as certified assemblies, validating attack resistance even without third-party certification.

Security-Enhanced (No Label)

These reinforced or custom configurations provide increased protection but are not tested or certified as a complete assembly.

Forte Opening Solutions Aspiro® Series Defendr Door System™ Specifications		CERTIFIED ASTM F3561 Level 3	TESTED FTD-SA Level 4
Door Type	Flush Door	•	•
Door Size	Minimum Door Size: 2'0" x 6'8" x 1-3/4" / Maximum Door Size: 4'0" x 8'0" x 1-3/4"	•	•
Opening Type	Single Door Opening	•	•
	Two-Door Opening with fixed or removable Hollow Metal Mullion (some restrictions)	•	•
	Inswing (no cylindrical)	•	•
	Outswing	•	•
Fire-Rating	Non-Rated	•	•
	20-Minute & 45-Minute		•
Core Type	EHD Particleboard		•
	EHD Particleboard Core Only for 45-Minute		•
	Structural Composite Lumber – Non-Rated	•	•
	Structural Composite Lumber – 20-Minute Fire-Rated		•
Edge Type	Veneer Edgeband (VEB) or Hardwood Edge	•	•
	Painted HDF		•
	Matching Laminate or High-Impact Edge		•
Crossband	1/11" Thick Crossband	•	•
Faces	Wood Veneer or Reconstituted Veneer		•
	Paintable: MDO or Hardboard (HDF)		•
	High-Pressure Decorative Laminate (HPDL)		•
Finishing	Standard Factory-Finish Options: Stain, Paint	•	•
Frame	14- or 16-Gauge Hollow Metal Frame	•	•
	Welded Frame for Drywall and Block Construction 3-Piece Knock Down	•	•
Hardware	ANSI BHMA Grade 1 Schlage L9071 L828 Mortise Lock with Escutcheon Plate	•	•
	Hinge Model: Ives 3CB1HW	•	•
	ANSI BHMA Grade 1 Mortise Lock with Escutcheon Plate		•
	ANSI BHMA Grade 1 Cylindrical Lock (outswing only)		•
	ANSI BHMA Grade 1 Rim Exit Device		•
	Standard Ball Bearing Hinges Only		•
Lite Opening	Maximum Visible Size: 23" x 36" Half Lite / Minimum Visible Size: Narrow Lite available from 2" wide	•	•
Glass / Vision Frame	Non-Rated Options – Single Pane 110 MVF Frame		
	McGrory DefendEd™ MGSEC-031, 7/16" Non-Rated Laminated Glass with Interlayer, AMS 110 Frame	•	•
	Armoured One AOTSG516L – 5/16" Laminated Glass – 23mil Applied Film on Outside of Laminated Glass, AMS 110 Frame		•
	Armoured One AOTSG516L-T4 – 5/16" Laminated Glass, with Interlayer, AMS 110 Frame		•
	School Guard Glass™ SGG-L7-SG4, 7/16" Non-Rated Laminated Glass with Applied Film, 6-Minutes, AMS 110 Frame		•
	School Guard Glass™ SGG-L7-SG5, 7/16" Non-Rated Laminated Glass with Applied Film, 12-Minutes, AMS 110 Frame		•
	Fire-Rated Options – Single Pane 110 MVF Frame		
	McGrory FireDefend™ MGSEC-033, 7/16" 45-Minute Fire-Rated Laminated Glass with Interlayer		•
	Fire-Rated Options – Dual Pane 110B-D2 MVF Frame		
	Pair any Non-Rated Attack-Resistant Option with any Approved 20-45 Minute Fire-Rated Glass per Appendix I.		•
	Flush Options	No Glass	Level 5
Warranty	Lifetime warranty of original installation subject to the terms, conditions, tolerances, and exclusions contained in the warranty documentation		

Aspiro[®] Series Defendr Door System[™]

A Beautiful, Safe and Secure Learning Environment

A learning environment shouldn't look like a fortress — and it doesn't have to. Today's forward-thinking architects are creating environments where students can feel safe and thrive through incorporation of natural light and sustainable materials, colors, and textures. The Forte[™] Opening Solutions Aspiro Series Defendr Door System is an integral part of that design, providing a balance of light, protection, and comfort with door styles and performance features that include fire-rated and sound absorbing construction and a variety of glass, natural wood, and finish options to match the aesthetics and code requirements in any school environment. And we designed the Aspiro Series Defendr Door System to be financially attainable, because creating a safe classroom environment shouldn't be a luxury.

Styles and Options

The superior protection of the Aspiro Series Defendr Door System is offered in a variety of attractive design options, including trend-forward stained wood veneers, vibrant paint colors, and smooth laminate surfaces that complement the aesthetics of any facility. The high-end design options enable architects and designers to seamlessly integrate Aspiro Series Defendr Door System into existing and new building design while prioritizing safety and security.



Laminates

Ensure complete visual consistency throughout your project. With product available from all major HPDL manufacturers, Forte Opening Solutions can provide distinct wood grains, solid colors and even unconventional patterns.



Premium Painted

Choose from the finest, trend-forward paints. Forte combines 100 years of experience with knowledge of modern design practices to curate the best paint selection. Paints are professionally factory-applied to ensure the highest quality color, sheen, tint and tone.



Select Wood Veneer

Bring warmth and character to your project with natural wood veneer surfaces. Forte offers a wide variety of domestic and exotic species, cuts, matches and grades to meet any need.



[Learn More](#)

forteopenings.com

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