



MASONITE DEFENDR™ DOOR SYSTEM

MASONITE DOOR SECURITY SOLUTIONS FOR SCHOOLS



Masonite's Defendr™ Door System provides affordable protection for students and staff against 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 Masonite, in collaboration with security experts, designed Defendr™ – an affordable one-time investment that is a practical solution that adds layers of protection to slow down an attacker until help can arrive.

INTERIOR DOORS ARE KEY TO SCHOOL SECURITY

Masonite's award-winning Defendr Door System is 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, Masonite's Defendr 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.



Defendr Door System is ideal for these interior school locations:

- Classrooms
- Media Rooms
- Libraries
- Staff Offices
- Special Needs Rooms
- Corridors
- Auditorium
- Gymnasium
- Cafeteria

Masonite Defendr™ Door System



DURABLE, LOW-MAINTENANCE SOLUTION

When planning new construction or facility upgrades, it's essential to think about the level of abuse the doors will experience. Tightening budgets and shrinking resources require schools to invest in quality products that will last a lifetime and stand up to the everyday demands of a school environment. The door in the Defendr Door System is solid-core extra heavy-duty construction, and available in a variety of surface materials that are durable, cleanable, and easy to maintain—intended to be a one-time investment that delivers a lifetime of protection.



A BEAUTIFUL, SAFE AND SECURE 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 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 Defendr Door System to be financially attainable, because creating a safe classroom environment shouldn't be a luxury.

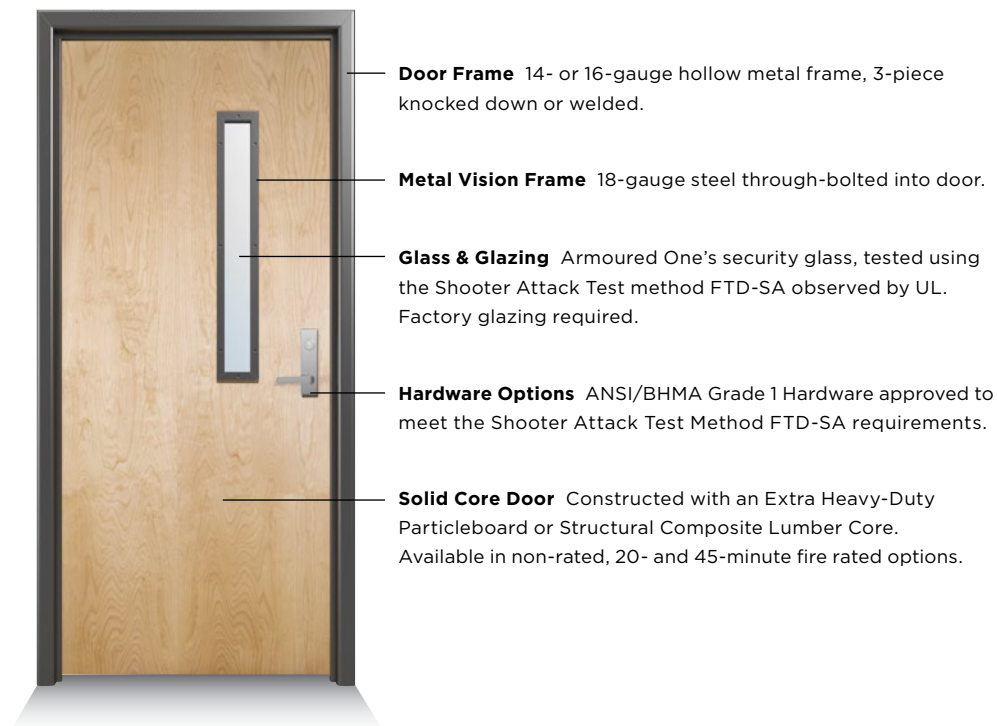
Masonite Defendr™ Door System



A COMPLETE SYSTEM—BUILT TO PROTECT

The Defendr Door System is comprised of multiple components — the metal frame, 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 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 Shooter Attack Test Method FTD-SA requirements.



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

Metal Vision Frame 18-gauge steel through-bolted into door.

Glass & Glazing Armoured One's security glass, tested using the Shooter Attack Test method FTD-SA observed by UL. Factory glazing required.

Hardware Options ANSI/BHMA Grade 1 Hardware approved to meet the Shooter Attack Test Method FTD-SA requirements.

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

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

TESTED TO PERFORM

The Defendr Door System meets the rigorous requirements set forth in the Shooter Attack Test Method FTD-SA, UL observed. Created when a team of law enforcement, homeland security, and active shooter experts joined forces, the unprecedented Shooter Attack Test Method combines the rigorous requirements from UL 752 Level 7 ballistic standard and ASTM F476 forced entry test standard into a single method. The Shooter Attack Test Method is designed to test the ability of the entire door system — including glass, hardware, frame, and door — to withstand real-life attacks involving both gun shots and physical attacks, prolonging the time it would take for an attacker to enter the room. No other test methodology combines these rigorous requirements.

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MASONITE DEFENDR™ DOOR SYSTEM SPECIFICATIONS

CORE TYPE	Solid Core Structural Composite Lumber (Non-Rated and 20-Minute Fire Rated)
	Solid Core Extra Heavy-Duty Particle Board (Non-Rated and 20- and 45-Minute Fire Rated)
DOOR AESTHETICS	Stile and Rail
	Flush Laminate available in variety of standard and custom woodgrain patterns, solid colors, and decorative designs
	Flush Painted available with various color options Factory finished (MDO) or primed
	Flush Wood Veneer available in a variety of grades, species, cuts, and stains
	Matching vertical edges available in veneer, hardwood, laminate, or impact edges
OPENING SIZE	2'0" x 6'8" to 3'6" x 8'0" single openings
	In-swing & Out-swing Available
THICKNESS	1-3/4" Thick
FIRE RATING	Non-Rated, 20-min, 45-min
ENVIRONMENTAL	Options available with Forest Stewardship Council (FSC) and No Added Urea Formaldehyde (NAUF) certifications
	Available with Recycled and Regional Materials
FRAME	14- or 16-gauge metal frame
	Welded frame for drywall and block construction
	3-piece knock down
LITE OPENING	Max visible size 23" x 36" Half Lite; Narrow lite configurations available from 3" wide
SECURITY GLASS	Security Glass manufactured by Armoured One, LLC
	Non-Rated and fire rated up to 45-min listed and approved
	5/16" thick for non-rated; Glass Weight: 6 lbs. sq/ft
	5/8" thick for 20-minute and 45-minute fire-rated applications; Glass Weight: 9 lbs. sq/ft
Factory glazing required	
METAL VISION FRAME	18-gauge Metal Frame; Through-Bolted into door
HARDWARE OPTIONS	ANSI/BHMA Grade 1 Hardware that meets Shooter Attack Test Method FTD-SA requirements
WARRANTY	Door slab - Lifetime Limited Warranty from date of original installation
	Armoured One Non-Rated Security Glass includes a 10-Year Limited Warranty; Armoured One Fire-Rated Security Glass includes a 5-Year Limited Warranty