



# DEFEND R™

## The Industry's First Purpose-Built, All-Glass Security Door System



Comprehensive  
Protection



Class A  
Elegance



Effortless  
Operation



Built  
to Last



Simple to Install,  
Adjust & Maintain

[ballisticglassandarmor.com](http://ballisticglassandarmor.com)

# The Defendoor™ Difference

## Comprehensive Protection

A tested and proven ForceShield™ against ballistic attacks and forced entry

## Class A Elegance

Sophisticated design showcases expanse of glass for unobstructed view

## Effortless Operation

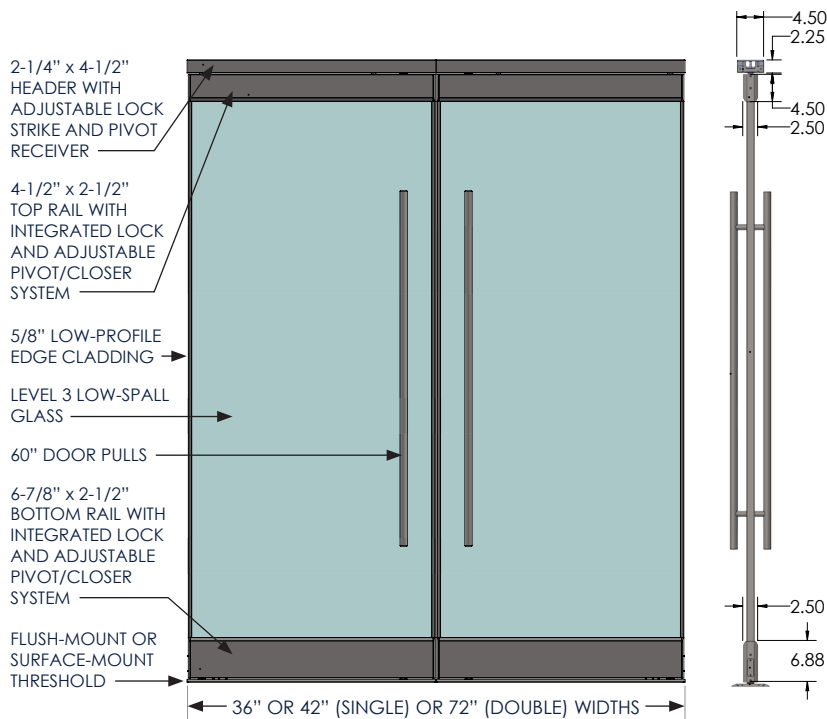
Proprietary hardware enables hefty door to be opened effortlessly with just two fingers

## Simple to Install, Adjust & Maintain

Faster and easier to install than standard all-glass doors; cleans like regular glass

### Standard Defendoor hardware includes:

- 2-1/4" x 4-1/2" header with fully-integrated adjustable lock strike and adjustable top pivot receiver with ball bearing and power feedthrough, clad in ballistic brushed stainless steel
- 4-1/2" x 2-1/2" top rail and 6-7/8" x 2-1/2" bottom rail with fully-integrated adjustable pivot and closer system, clad in ballistic brushed stainless steel with ADA-compliant taper and polished end caps
- 60" brushed stainless steel ladder pulls
- 5/8" low-profile brushed stainless steel edge cladding
- Concealed, triple-redundant locks: Automatic electronic deadbolt and two automatic locks with fail-safe and fail-secure modes
- ADA-compliant, ballistic stainless steel threshold with integrated pivot and lock strikes and removable ramps for flush-mount or surface mount applications



**SIZING** Width: 36" or 42" (single); 72" (double)  
Height: Any height up to 105"

**WEIGHT** 42"x105" weighs 450lbs

**GLAZING** GCP 1-1/8" thickness  
Low-iron float glass option available

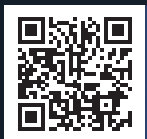
**FINISHES** Alternate cladding options available at additional cost

**SECURITY** Concealed, triple-redundant electronic and physical locking system  
Compatible with leading access control and power supply (not included)

**WARRANTY** 5 years (glazing and hardware)

**ADD-ONS** Ballistic storefront framing, sidelites, and transom

**STANDARDS** EN 1063 BR4-S Ballistic Schedule  
Modified (Low Spall) UL 752 Level 3 Ballistic Penetration Standard  
ASTM F3561 Level 7 Standard Test Method for Forced-Entry-Resistance of Fenestration Systems After Simulated Active Shooter Attack  
ASTM C 1172 Standard Specification for Laminated Architectural Flat Glass  
ASTM B 209/B 209M Standard Specification for Aluminum and Aluminum Alloy Sheet and Plate



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