

ASTM F3561-Tested, Forced-Entry Resistant Fenestration Systems

Tested for forced-entry resistance after simulated active shooter attack



Entrance | Storefront | Curtain Wall

Security expectations in educational facilities continue to evolve, requiring more comprehensive evaluation of forced-entry resistance. ASTM F3561 evaluates the entire fenestration assembly under combined ballistic and mechanical forced-entry conditions.

The standard measures how glass, framing, and hardware perform together after ballistic weakening, assigning a performance level based on the system's ability to delay intrusion.

ASTM F3561 Performance Levels

ASTM F3561 establishes eight levels of resistance reflecting increasing forced-entry performance after ballistic damage.

Levels 1–2 Low Resistance	Baseline defense against opportunistic intrusion.
Levels 3–5 Medium Resistance	Dependable system-level protection and intrusion delay.
Levels 6–8 High Resistance	Increased resilience under sustained assault conditions.

Select OBE systems have achieved ASTM F3561 Levels 4-8, depending on tested system configuration, glazing makeup and framing conditions.

ASTM F3561-Tested Systems

ASTM F3561-tested systems used laminated security glass with a 0.120" PVB interlayer, available in monolithic or insulating glass configurations.



Rugged Entrance

- Heavy-duty tubular aluminum entrance system
- 2" deep, 3/16" wall tubular construction
 - Steel reinforced corners & hinge attachments
 - Available in narrow, medium, & wide stiles
 - Designed for use in high-traffic areas
 - Sargent PE8800 rim panic device

ASTM F3561 Levels Achieved: 4-8*
Tested as a complete system with glass



FG-5750T StormMax® Storefront

- Thermally broken, impact-resistant storefront system
- 2-1/2" x 5" framing profile
 - Center-set, inside and outside-glazed configurations
 - Structural load \pm 70 PSF
 - U-factor = 0.36

ASTM F3561 Levels Achieved: 4-8*
Tested as a complete system with glass



Reliance™ Curtain Wall

- Thermally broken, pressure-equalized curtain wall system
- 2-1/2" sightline
 - Front-set, outside glazed configuration
 - Structural load \pm 60 PSF
 - U-factor = 0.34 (FRP pressure plate option)

ASTM F3561 Levels Achieved: 4-8*
Tested as a complete system with glass

* With a wide range of glazing and framing options available, performance levels vary for each system. To ensure you have the most accurate ASTM F3561 data for your project, please contact us for the specific results needed for the exact configuration you're considering.

For more info: Contact your Oldcastle BuildingEnvelope representative, visit us online at OBE.com, or call us at 1-866-OLDCASTLE (653-2278)