

## Attack Resistant Door and Frame

Masonite Architecture Wood Doors is pleased to partner with School Guard Glass™ to offer an Attack Resistant Door Opening designed to delay access from intrusion.

Using standard Masonite Architecture Wood doors and frames equipped with School Guard Glass™ SG5™ attack resistant glazing and SARGENT hardware has been tested and certified to withstand a brutal physical attack from an intruder for over 4 minutes. This extra time keeps occupants safe until first responders can neutralize the threat. The combination of Masonite Architecture Wood Doors and School Guard Glass provides easy and affordable retro-fitting to tighten the security of existing openings.

5-aa10 test standard sets requirements and testing methods to certify forced entry and ballistic systems. This test standard is intended for use by schools and other public or private facilities that use commercial grade wood and hollow metal entrance doors, framing, hardware, structures and systems as well as glass, fixed sidelight framing systems, and borrowed lights.

### Opening Size:

- 2'8" x 6'8" - 4'0" x 8'0" single openings
- Sidelight: Visible 6"-47" x 10"-92.75"
- Borrowed Light (horizontal): Visible 3"-95" x 10"-47"
- Borrowed Light (vertical): Visible 3"-47" x 10"-95"

Requests for sizes or designs would require review and approval.

### Door Types:

- Wood Doors GPD with EC core

### Frame Types:

- Curries M or CM series 16 gauge (14 gauge optional)
- Ceco Door SU/SQ or BU/BQ series 16 gauge (14 gauge optional)
- 3 Piece knocked down or welded
- Welded sidelights and borrowed lights

### Glass and Glazing:

- School Guard Glass™ SG5™
- Narrow and half glass available
- Curries type 10 kit
- Door glass is factory installed
- Sidelight and Borrowed light glass is provided to be field installed by others

### Hardware:

#### Lock Options:

- SARGENT 8200 series mortise lock with Latchbolt, dead bolt and LS escutcheon
  - Corbin Russwin ML2000 series mortise lock with dead bolt, VR (Vandal Resistant) escutcheon and lever trim\*
  - Yale SL8800 series mortis lock with dead bolt, SL (Security) escutcheon and lever trim\*
- \*equivalent hardware not tested

#### Hinge Options:

- 3 or 4 each 4-1/2" x 4-1/2" standard weight hinges
- Pemko steel continuous hinge

### Test Methods and Standards:

- 5-aa10 - Certification Standards for Reinforcing and Testing of Standard Wood and Hollow Metal Doors, Frames, Glass and Hardware - 30 shots (7.62 mm) fired at glass indoor, 30 shots fired at glass inside light or borrowed light, and 30 shots fired at door and hardware in a 6" x 6" area. Door then remained closed after 4 minutes of attack by single assailant using hand tools of various types as allowed in test.
- ASTM C1036 - Standard Specification- Flat Glass
- ASTM C1172 - Standard Specification for Laminated Architectural Flat Glass
- ANSI Z97.1 Safety Materials Used in Buildings, UL 972
- UL 972 Standard for Burglar Resistant Glazing Material

For more information, please contact your Customer Service or local Masonite Architecture Door Security Solutions Representative.