

Attack Resistant Retrofit Kit and Glazing

Attack Resistant Retrofit Kits

Light Kit and Glass Sizes:

- Type 2 light kit for existing hollow metal doors
- Type 10 light kit for existing wood doors
- Several standard sizes in vision, narrow light and half glass configurations

Vision	Narrow Light	Half Glass
10x10	3x33 6x16	23-13/16x28 (3068)*
12x12	4x24 6x24	23-13/16x32 (3070)*
	4x25 6x30	23-13/16x34 (3072)*
	5x20 6x36	
*Type 2 kit sizes shown		

- Custom sizes available (min of 3 sq. ft.)

Glass and glazing

- School Guard Glass SG5 attack resistant glass
- Dow 995 silicone glazing compound (10.3 oz tube)
- Tremco 440 butyl tape to be applied to the glass kit interior and exterior sides

Installation instructions

- School Guard glass will provide Retrofit Kit installation instructions with each glass shipment

Attack Resistant Glass for Existing Sidelights and Borrowed Lights

Sidelights

- 6" x 10" – 47" x 92-3/4"

Borrowed Lights

- 3" x 10" – 95" x 47" glass horizontal oriented
- 3" x 10" – 47" x 95" glass vertical oriented (custom sizes available - 3 sq ft min)

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 and kit in a 6"x6" area. Although bullets penetrated the SG5 glass it remained in place to prevent access 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 Standard for Burglar Resistant Glazing Material

101 Ashbridge Circle
Woodbridge, Ontario Canada L4L 3R5
Tel: 416.749.2111
Toll Free: 800.263.7515
Fax: 905.851.8346
www.flemingdoor.com

ASSA ABLOY, the global leader in door opening solutions



School Guard Glass is available in a retrofit light kit or glass only for existing sidelights and borrowed lights.

Fleming is pleased to partner with School Guard Glass™ to offer Attack Resistant Retrofit Kits in standard and custom sizes to replace glazing in existing hollow metal and wood doors to enhance security and to delay access from intrusion.

The Attack Resistant Retrofit Kit which includes a Type 2 (metal door) or Type 10 (wood door) light kit, SG5™ glass, plus the supplied glazing compound and tape has been third party tested to withstand a brutal physical attack from an intruder for over 4 minutes and shot 30 times in a 6"x6" area. Although bullets will penetrate the SG5 glass it will remain in place to prevent access.

This extra time helps to keep occupants safe until first responders can neutralize the threat. Replacing glazing or glazing with film in existing wood or metal doors with the Attack Resistant Retrofit Kit is an easy and affordable solution to enhance the security of any opening especially in schools.

Attack Resistant Retrofit Kits, School Guard Attack Resistant Glass and installation components are third party tested per HPW 5-aa10; however, please be aware that existing doors, frames, or hardware may not have been tested to this standard.