

# Attack Resistant Retrofit Kit

## Frequently Asked Questions

**Q. What are Attack Resistant Retrofit Kits?**

A. Utilizing Type 2 (hollow metal) or Type 10 (wood) light kits for existing wood or metal doors and School Guard Glass™ SG5™ creates a robust retrofit glazing solution to delay access from intrusion. SG5™ Glass for retrofitting existing sidelights and borrowed light are also available.

**Q. What standards has this product been tested to?**

A. This product has been tested according to the HPW 5-aa10 certification standard based on the FBI's Active Shooter Report to set standards for reinforcing and testing of standard wood and hollow metal doors, frames, glass and hardware. However, please be aware that existing doors, frames, or hardware may not have been tested to the same standard.

**Q. What types of existing doors can the Attack Resistant Retrofit Kits be installed into?**

A. Attack Resistant Retrofit Kits can be installed into any existing wood or hollow metal doors as a security upgrade to the opening.

**Q. What comes with the Attack Resistant Retrofit Kit?**

A. The Attack Resistant Retrofit Kit includes the following:

- Primed Type 2 light kit (metal doors) or primed Type 10 light kit (wood doors)
- School Guard SG5™ glass, Tremco 400 tape and Dow 995 silicone glazing compound shipping from a separate location
- Light kits, glass and glazing are field installed by others
- Installation instructions will be provided with each glass and glazing shipment

**Q. Is the Attack Resistant Retrofit Kit bullet resistant?**

A. No, the Attack Resistant Retrofit Kit is not bullet resistant as neither the SG5™ glass or kit will stop a bullet from penetrating. However, the Attack Resistant Retrofit Kit has passed ballistic testing per HPW 5-aa10 so that after being shot, the Retrofit Kit and SG5™ glass does not weaken and will stay intact throughout the 4 minute physical attack.

**Q. Is there an Attack Resistant Retrofit Kit for sidelight or borrowed light frames?**

A: Yes, SG5™ Attack Resistant Glass can be ordered and shipped loose for field installation by others into existing sidelights and borrowed light frames. SG5™ Glass installation instructions will also be provided.

**Q. What sizes and configurations are available for Attack Resistant Kits?**

A. Many standard and custom sizes are available. (Visible glass sizes shown below)

- Vision: 10"x10" and 12"x12"
- Narrow light: 3"x33", 4"x24", 4"x25", 5"x20", 6"x16", 6"x24", 6"x30" and 6"x36"
- Half glass: 23-13/16"x28", 23-13/16"x32" and 23-13/16"x34" (Type 2 kit sizes shown)
- Sidelight glass: 12"-47" x 12"-92-3/4"
- Borrowed Light glass: 12"-95" x 12"-47" (horizontal), 12"-47" x 12"-95" (vertical)

**Q. Is there a warranty available with this product?**

A. Yes. Type 2 and Type 10 light kits are warranted for 1 year. School Guard glass is warranted against delamination for 10 years.

**Q. What is the difference between School Guard Glass and Security Film?**

A: School Guard Glass™ SG5™ is a laminate with glass on both sides that is designed to withstand intruder attack for 4+ minutes, even after bullets go through the glass. Security film is an externally applied plastic that was designed for blast purposes to keep glass from becoming shrapnel, it has not been proven to provide attack resistance for more than 5 seconds.

**Q. How do you clean School Guard Glass?**

A: Use a water and soap solution with a squeegee or soft towel.

**Q. Does School Guard Glass look different than standard Tempered Glass?**

A: No, they look the same. Both School Guard Glass™ and standard glass are 98% optically clear. School Guard Glass™ SG5™ for Attack Resistant solutions is typically only 7/16" thick.