



# PRODUCT DATA SHEET

## SMARTGARD GCP5 BALLISTIC SECURITY GLAZING

PRODUCT #: GCP5

### DESCRIPTION:

A bullet resistant, low-spall asymmetrical laminate constructed with glass, and polycarbonate bonded together with adhesive interlayers. Both the attack side and protection side are glass.

The demands for security glass is increasing. The AIT Glass Clad Polycarbonate Series products are custom manufactured to be utilized in secure environments where consistent quality and optimum optical clarity are priorities.

### FEATURES:

- Bullet resistant
- Low spall
- Glass on interior and exterior surfaces (glass clad).

CONSTRUCTION:	PERFORMANCE DATA:
<i>Attack side</i>  Proprietary BR5 Layers  .050 Adhesive Layer  3/16" Annealed Glass  <i>Protection side</i>	Max Standard Dimension: 60" x 96" (larger sizes may be available -contact us) Nominal Thickness: 1.758" Thickness Tolerance: 1.700" to 1.816"  Weight: 18.42 Lbs. / Square Foot  Visual Light Transmittance: 72%  Ballistic Rating: UL752 Level 5 7.62mm – 1 shot No penetration / Low spall

### COMPLIANCES

- ASTM C1036 – Standard Specification – Flat Glass
- ASTM C1172 – Standard Specification for Laminated Architectural Flat Glass
- ANSI Z97.1 - Safety Materials Used in Buildings
- CPSC 16 CFR 1201

### INSTALLATION SPECIFICATIONS

AIT strongly suggests the use of a suitable structural security framing with an appropriate protection rating. Allow for a minimum of a (1) inch edge engagement in the frame with sufficient rabbet depth to allow for expansion (approximately 1/16"/FT).

Larger lites may require deeper edge engagements. It is imperative to the life and durability of certain composite types that compatible sealant or gasket material is used on both sides of the laminate. An appropriate sealant solution can be specified by LTI if required.

The AIT Group produces the finest glass and composite laminates in the world, proper care during installation will ensure years of superior performance.

### ADD-ON OPTIONS & ADDITIONAL INFO

Additional options include: Instantly switchable SmartGlass electronic privacy adds-on, Pilkington Mirropane®, Hard Coated Low E, Insulated Units, Tints, Fire resistant glass, Graphics or decorative Smart Designs, and more. Contact AIT for all available options or for a custom make-up design.

v2.018.06.15

FOR MORE INFORMATION, PLEASE CONTACT:



**Advanced Impact Technologies (AIT)**

Tel: (727) 287-4620 • Fax: (727) 431-9834 • [www.Advanced-Impact.com](http://www.Advanced-Impact.com)