

# PRODUCT DATA SHEET



## TSS 005 GLASS CLAD POLYCARBONATE LOW SPALL 1-9/16"

MODEL#: 0-GLZ-TIG-1017

PRODUCT LINE: GLAZING

### DESCRIPTION

Total Security Solutions' glass clad polycarbonate (GCP) security glazing combines clarity with uncompromising protection. Designed to resist ballistic threats and various physical attacks, these high-performance units feature multiple layers of glass and polycarbonate fused with advanced polyurethane or polyvinyl interlayers for superior strength and clarity. Independently tested to the demanding UL 752 ballistic standard as well as leading forced entry specifications, Total Security Solutions' GCP security glazing delivers the trusted protection your space deserves—without sacrificing on aesthetics.

### OPTIONS

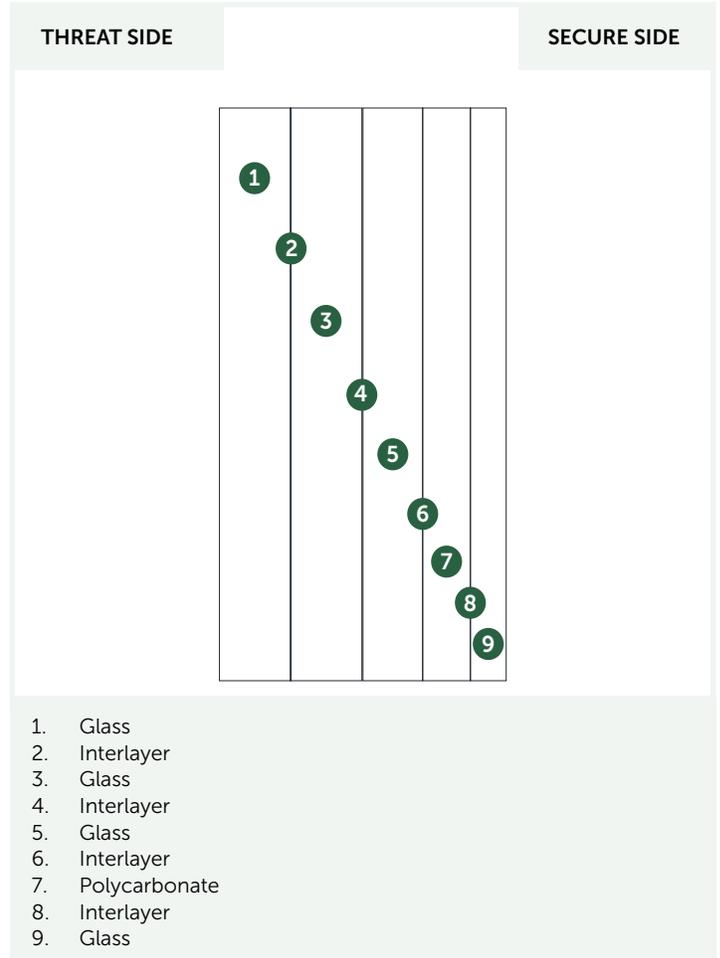
- Tinted glass (gray, bronze, green, blue)
- Reflective glass
- One-way mirror
- Translucent white interlayer (frosted glass)
- Wire glass
- Insulated units
- Low E
- Please inquire for additional options

### RATINGS

- U.L. 752 - Level 5
  - Projectile Type: 150 grain 7.62mm lead core full metal copper jacket military ball
  - Velocity Range: 2,750 fps to 3,025 fps
  - Number of Shots: 1

### STANDARDS

- U.L. 752 Standard for Bullet Resistant Materials
- ASTM C1036 Standard Specification for Flat Glass
- ASTM C1172 Standard Specification for Laminated Architectural Flat Glass



### PROPERTIES

|                             |                                  |
|-----------------------------|----------------------------------|
| Nominal Thickness           | 1 <sup>9</sup> / <sub>16</sub> " |
| Thickness Tolerance         | ± <sup>3</sup> / <sub>32</sub> " |
| Weight                      | 17.95 lbs/sqft                   |
| Maximum Size                | 60" x 120"                       |
| Dimensional Tolerance       | ± <sup>1</sup> / <sub>16</sub> " |
| Visible Light Transmittance | 74%                              |
| U-Value                     | 0.75                             |
| SHGC                        | 0.57                             |