TOTAL SECURITY SOLUTIONS

TSS 003 GLASS CLAD POLYCARBONATE LOW SPALL 1-1/8"
MODEL#: 0-GLZ-TIG-1027
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

• Hole and backer compatible

• Translucent white interlayer (frosted glass)

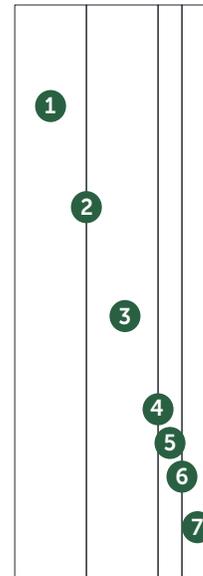• Please inquire for additional options

RATINGS

• U.L. 752 - Level 3 (Modified for Low Spall)

  • Projectile Type: 240 grain .44 magnum

  • Velocity Range: 1350 fps to 1485 fps

  • Number of Shots: 3

• ASTM F1233 - Class 1.4

STANDARDS

• U.L. 752 Standard for Bullet Resistant Materials

• ASTM F1233 Standard Test Method for Security Glazing Materials and Systems

• ASTM C1349 Standard Specification for Architectural Flat Glass Clad Polycarbonate

• ASTM C1036 Standard Specification for Flat Glass

• ASTM C1172 Standard Specification for Laminated Architectural Flat Glass

THREAT SIDE		SECURE SIDE

1. Glass
2. Interlayer
3. Glass
4. Interlayer
5. Polycarbonate
6. Interlayer
7. Glass

PROPERTIES

Nominal Thickness	1⅛"
Thickness Tolerance	±¹⁄₁₆"
Weight	12.9 lbs/sqft
Maximum Size	60" x 120"
Dimensional Tolerance	±¹⁄₁₆"
Visible Light Transmittance	82%
U-Value	0.82
SHGC	0.64