

PRODUCT DATA SHEET



GCP 750 - GLASS CLAD POLY - LOW SPALL @ 3/4" (LEVEL 1)

MODEL#: GCP-750-FE-075-P

PRODUCT LINE: GLAZING

DESCRIPTION

Total Security Solutions' Forced Entry-Rated Glass-Clad Polycarbonate (GCP) combines exceptional transparency with robust protection against physical attacks and prolonged assault. Composed of multiple glass and polycarbonate layers bonded with advanced polyurethane interlayers, this high-performance glazing is independently tested to meet various forced entry standards. By delaying unauthorized entry and providing valuable response time during a security event, TSS GCP delivers proven protection without compromising aesthetics, visibility, or the occupant experience.

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 - size & thickness may not be available for every option

RATINGS

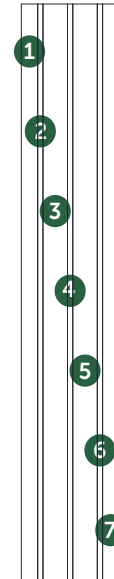
- U.L. 752 - Level 1
 - Projectile Type: 124 grain 9mm Full Metal Jacket
 - Velocity Range: 1,175 fps to 1,293 fps
 - Number of Shots: 3
- ASTM F1233 - Class 3.5
- ASTM F1915 - Grade 3
- H.P. White TP-0500.02 - Level II
- WMFL - Level III 30 Minute Physical Attack

STANDARDS

- U.L. 752 Standard for Bullet Resistant Materials
- ASTM F1233 Standard Test Method for Security Glazing Materials and Systems
- ASTM F1915 Standard Test Methods for Glazing for Detention Facilities
- ANSI Z97.1 Safety Glazing Materials for Buildings
- ASTM C1036 Standard Specification for Flat Glass
- ASTM C1349 Standard Specification for Architectural Flat Glass Clad Polycarbonate
- ASTM C1172 Standard Specification for Laminated

THREAT SIDE

SECURE SIDE



1. Glass - 1/8"
2. Urethane Interlayer - 0.050"
3. Polycarbonate - 3/16"
4. Urethane Interlayer - 0.250"
5. Polycarbonate - 3/16"
6. Urethane Interlayer - 0.050"
7. Glass - 1/8"

PROPERTIES & SPECIFICATIONS

Nominal Thickness	0.74"
Thickness Tolerance	±1/16"
Weight	6.30 lbs/sqft
Maximum Size	60" x 90"
Dimensional Tolerance	±1/16"
Visible Light Transmittance	75%
Shading Coefficient	0.82
U-Value	0.77
SHGC	0.72

HANDLING INFORMATION

It is imperative to clean the glazing unit during & after the construction period to maintain optimum performance and aesthetic properties. To clean, use a soft, clean cloth and mild soap, detergent, or slightly acidic cleaning solution (such as vinegar). Wipe with a clean, lint-free cloth.