

PRODUCT DATA SHEET



TSS 001 GLASS CLAD POLYCARBONATE 750 3/4" HEAT-STRENGTHENED

MODEL#: 0-GLZ-PAS-1044

PRODUCT LINE: GLAZING

DESCRIPTION

Glass Clad Polycarbonate (GCP) glazing is a high-performance glass system designed to resist ballistic impact and various forms of physical attack. These units are composed of multiple layers of glass and polycarbonate laminated together using interlayers such as polyurethane or polyvinyl butyral (PVB), which provide both strength and adhesion. Total Security Solution's GCP is independently tested according to the UL 752 standard as well as various forced entry standards.

OPTIONS

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

RATINGS

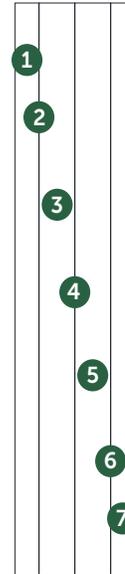
- U.L. 752 - Level 1
 - Projectile Type: 124 grain 9mm Full Metal Jacket
 - Velocity Range: 1,175 fps to 1,293 fps
 - Number of Shots: 3
- ASTM F1233 - Class 3.5
- ASTM F1915 - Grade 3
- H.P. White TP-0500.02 - Level II
- WMFL - Level III 30 Minute Physical Attack

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

THREAT SIDE

SECURE SIDE



1. 1/8" Heat Strengthened Glass
2. 0.05" Urethane
3. 3/16" Polycarbonate
4. 0.025" Urethane
5. 3/16" Polycarbonate
6. 0.05" Urethane
7. 1/8" Heat Strengthened Glass

PROPERTIES

Nominal Thickness	0.74"
Thickness Tolerance	±1/16"
Weight	6.3 lbs/sqft
Maximum Size	60" x 90"
Dimensional Tolerance	±1/16"
Visible Light Transmittance	75%
U-Value	0.77
SHGC	0.72