



Protective Structures, Ltd.
7565 Industrial Court • Alpharetta • Georgia • 30004

PRODUCT NAME: 1-3/4" Clear Bullet Resistant Glass – UL Level III

PRODUCT DESCRIPTION: Applications:
A multi-ply annealed glass laminated meeting Underwriters Laboratories (UL) Standard 752 for ballistic protection, Level III (SPSA)

PRODUCT CONSTRUCTION: 1/2" Annealed
Interlayer
1/2" Annealed
Interlayer
1/2" Annealed
Interlayer
1/8" Annealed
Interlayer
1/8" Annealed

THICKNESS: 1-3/4" NOMINAL

SIZE: 72" x 130" Maximum / 12" x 12" Minimum
No Standard Size, All Custom

WEIGHT: 22.46 Pounds Per Square Foot

OPTIONS: Tinted glass (Bronze, Grey, Green); transparent mirror; wire glass

TECHNICAL DATA: Compliance:
ASTM C1036-01 – Standard Specification for Flat Glass
ASTM C1172-03 – Standard Specification for Architectural Laminated Flat Glass
ANSI Z97.1; CPSC 16 CFR 1201 (Category I and II)

Ballistic Protection:
UL Standard 752, Level III, 44 Magnum Revolver, 3 Shots in a triangular pattern, 240 grain lead (1350 – 1485 feet per second) 15 feet

Results:
No Spall, no penetration





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INSTALLATION:

Product must be installed in a UL Level III Bullet Resistant Frame System.

All glass should be installed in accordance with the guidelines set forth in the Glass Association of North America (GANA) Distribution/Installation Div. (formerly known as the Flat Glass Marketing Association [FGMA]) Glazing Manual, 1997 edition, and Sealant Manual, 1990 edition.

Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel.

Recommended Clearance:

Face: 1/4"

Edge: 3/8"

Bite: 1/2"

