



BULLETBLOCK
BULLET RESISTANT WINDOWS, DOORS & GLAZING
BY INSULGARD

ARMOR-GARD® SP820



Innovative glazing solutions for ballistic protection

PRODUCT DESCRIPTION

ARMOR-GARD SP820 GLASS-CLAD POLYCARBONATE GLAZING HAS BEEN TESTED IN ACCORDANCE WITH UL 752 LEVEL 8 BALLISTICS REQUIREMENTS.

TECHNICAL DATA

- Nominal Thickness: .2072"
- Thickness Tolerance: 1.912" / 2.228"
- Weight: 22.34 lbs per SF
- Available Sizes:
 - 12" x 12" Minimum
 - 60" x 96" Maximum
- Light Transmittance: 61%
- U-Value: .60
- SHGC: .56
- Tinted glass, translucent interlayers, transparent mirror, Low Iron glass

PERFORMANCE

- 5 shots .762mm Rifle Lead Core Full Metal Copper Jacket Military Ball (.308 Caliber)
- Tested at NTS-Chesapeake Testing in accordance with UL 752 Level 8 requirements
- No Spall, No Penetration

GUIDE SPECIFICATION

Ballistic resistant glass where shown shall be Insulgard's SP820 glass-clad Polycarbonate. Each unit for glass type _____ shall be Lexgard SP820. This product is designed for applications where ballistics performance is primary and optical characteristics are secondary. Protected side of window is a mar resistant polycarbonate with threat side a glass surface.

INSTALLATION

When used for ballistic protection, glazing should be installed in a UL Level 8 Bullet Resistant frame system. Holes must be covered with a UL listed device. All glazing should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel.

Recommended Clearance:

- Face: 1/8" per side
- Edge: 3/8"
- Bite: 1"

APPLICABLE STANDARDS

- ASTM C 1036
- ASTM C 1048
- ASTM C 1349

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