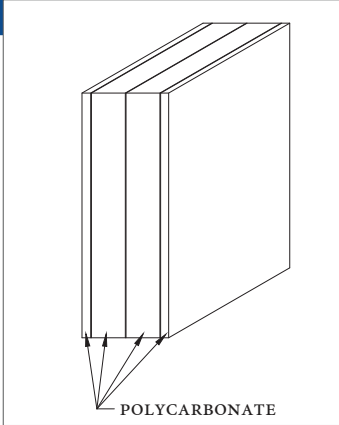




**FORCEPROTECT**  
FORCED ENTRY RESISTANT GLASS  
BY INSULGARD

# LEXGARD® SP1250



## Innovative glazing solutions for forced entry protection

### PRODUCT DESCRIPTION

LEXGARD® SP1250 LAMINATED POLYCARBONATE GLAZING HAS BEEN TESTED TO FORCED ENTRY PERFORMANCE STANDARDS BELOW.

### TECHNICAL DATA

- Nominal Thickness: 1.28"
- Tolerance: 1.15" / 1.41"
- Weight: 7.97 lbs per SF
- Available Sizes: Up to 72" x 96"  
12" x 12" Minimum for UL Ballistic Rating
- Light Transmittance: 63%
- U-Value: .53
- SHGC: .86
- Available in bronze, gray and green tint

### PERFORMANCE

- Forced Entry: ASTM F1 233 Class V, ASTM 1915 Grade 1, HP White Level V-TP-0500.02 WMFL Level I
- Ballistic: UL 752 - Level 3 – UL Listed – File BP844, .44 magnum Lead Semi-Wadcutter Gas Checked No Spall, No Penetration

### CONSTRUCTION

This product is laminated polycarbonate and contains exposed polycarbonate surfaces with abrasion resistant coatings on both sides.

### INSTALLATION

When used for ballistic protection, glazing should be installed in a UL Level 3 Bullet Resistant frame system. Holes should 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.

- Face Clearance 1/8" per side
- Edge Clearance 1/4"
- Bite Clearance 1"

### APPLICABLE STANDARDS

- ANSI Z97.1
- CPSC 16 CFR 1201 (Category I and II)
- ASTM C 1036
- ASTM C 1172

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