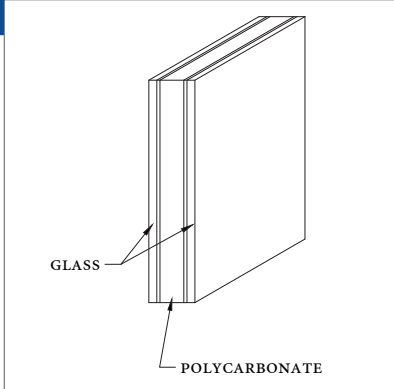




FORCEPROTECT
FORCED ENTRY RESISTANT GLASS
BY INSULGARD

SURE-GARD® ICGCP1116 GLASS CLAD POLYCARBONATE



Innovative glazing solutions for forced entry protection.

PRODUCT DESCRIPTION

SURE-GARD® ICGCP1116 GLASS CLAD POLYCARBONATE GLAZING HAS BEEN TESTED TO FORCED ENTRY PERFORMANCE STANDARDS LISTED BELOW.

TECHNICAL DATA

- Nominal Thickness: .569"
- Thickness Tolerance: .518"—.620"
- Weight: 5.22 lbs per SF
- U-Value: .82
- Shading Co-Efficient: .83
- Light Transmission: .77
- Available sizes: Any size up to maximum 60" x 96"

OPTIONS

- Tinted glass
- Transparent mirror
- Reflective glass
- Wire glass
- Low E glass
- Insulated units

(The use of some options may alter product thickness)

PERFORMANCE

- Forced Entry: H.P. White Level I-TP-0500.02 ASTM 1915, Grade 4
- Ballistic: .38 Special handgun, 3 shots in an 8" Circle, 158 grain lead, 20 feet. Spall with no penetration.

CONSTRUCTION

This product is a symmetrical glass clad polycarbonate with heat strengthened or chemically strengthened glass on both exposed surfaces.

INSTALLATION

All glass 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 1349
- ASTM C 1422
- ASTM C 1048