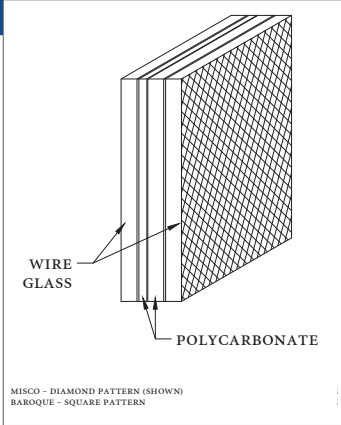




FORCEPROTECT
FORCED ENTRY RESISTANT GLASS
BY INSULGARD

FIRE-GARD® ICGCP1216WW45



Innovative glazing solutions for forced entry protection.

PRODUCT DESCRIPTION

FIRE-GARD® ICGCP1216WW45 HAS BEEN TESTED TO FORCED ENTRY PERFORMANCE STANDARDS AND FIRE RATINGS BELOW.

TECHNICAL DATA

- Nominal Thickness: 1.00"
- Tolerance: .92" / 1.106"
- Weight: 10.81 lbs per SF
- Available Sizes: 1156 square inches of clear opening Maximum width and height dimension of exposed glazing is 34".

PERFORMANCE

- Fire Rating: UL Labeled for 3/4" hour in 1 hour rated masonry and door openings. UL File # KCMZ.R1.3833
- Compliance: ASTM C 1036-01 – Standard Specification for Flat Glass ANSI (American National Standard Institute Inc) Z97.1: For Safety Materials used in buildings – Specifications & Methods of Test CPSC 16 CFR 1201 (Category I and II): Safety Standard for Architectural Glazing Materials UL9
- Attack resistance: HPW-TP-0500.02 Level II Forced Entry WMFL Level III - 30 minute physical attack ASTM F 1915-03 Grade 3 (20 minute containment)
- Ballistic Resistance: HP White HPW-TP-0500.02 Ballistics Level B (Report HPW 7827-06D)

CONSTRUCTION

- Baroque or Misco Wire Glass: 1/4"
- Urethane: .050"
- Polycarbonate: 1/4"
- Urethane: .025"
- Polycarbonate: 1/8"
- Baroque or Misco Wire Glass: 1/4"

INSTALLATION

- All glazing to be installed with UL classified Metacaulk 950 or Blazeseal joint treatment as manufactured by Metalines, Inc., to maintain UL label requirements. For general glazing guidelines refer to the Glass Association of North America (GANA) Glazing Manual 2004 or latest edition. Contact Global Security Glazing for publication GSG-23-03 "Glazing Guidelines" for further information. Note: ICGCP1216WW45 is manufactured with two plies of wire glass which are impossible to align perfectly. Visibility may be obscured to some degree. ICGCP1216WW45 is only available in clear glazing.
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APPLICABLE STANDARDS

- ANSI Z97.1
- CPSC 16 CFR 1201 (Category I and II)
- ASTM C 1036
- ASTM C 1349
- UL9

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