

PRODUCT NAME:

UL Level 1- Air Gap (AG) Unit

PRODUCT CODE:

IC-1

PERFORMANCE TESTING:

Ballistic: UL Standard 752- Level 1
9mm Full Metal Copper Jacket with Lead Core
No Spall, No Penetration

Forced Entry: ASTM F1233 Class II
ASTM 1915 Grade 4
HP White Level I-TP-0500.02

CONSTRUCTION:

3/8" Laminated Glass
1/4" Air-Gap (non-hermetic seal)
3/8" Mar-Resistant Polycarbonate

Air-Gap (AG) double-glazed units are constructed with an exterior lite of laminated glass and an interior lite of laminated polycarbonate. The two lites are separated by an air space which is created using a proprietary edge spacer and seal system. Polycarbonate is hydroscopic in nature and can allow moisture to pass through it.

THICKNESS:

1" Nominal

WEIGHT:

8.5 Lbs. / Square Foot

SIZE:

60" x 96" Maximum
12" x 12" Minimum

OPTIONS:

Translucent white interlayer, Tints, Low E glass

TECHNICAL DATA:

U-Value- .51
Shading Co-efficient- .75
Light Transmission- .76

APPLICABLE STANDARDS:

ANSI Z97.1
CPSC 16 CFR 1201
ASTM C 1036
ASTM C 1172

SINGLE RESPONSIBILITY:

Global Security Glazing products are covered by our Single Responsibility® Program that ensures one firm has handled and is accountable for all phases of manufacturing.

INSTALLATION:

Glazing must be installed in a UL Level 1 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"