



# RIOT GLASS® AP25 1" IGU

Product Specification Sheet

# 1" SECURITY GLASS

Insulating Glass Unit

## SPECIFYING AND TECHNICAL DATA

The following layers represent the glass makeup - the specific order of materials used to achieve ballistic and/or forced entry ratings.

### COMPONENTS

Layer 1: 1/4" ArmorPlast® AP25

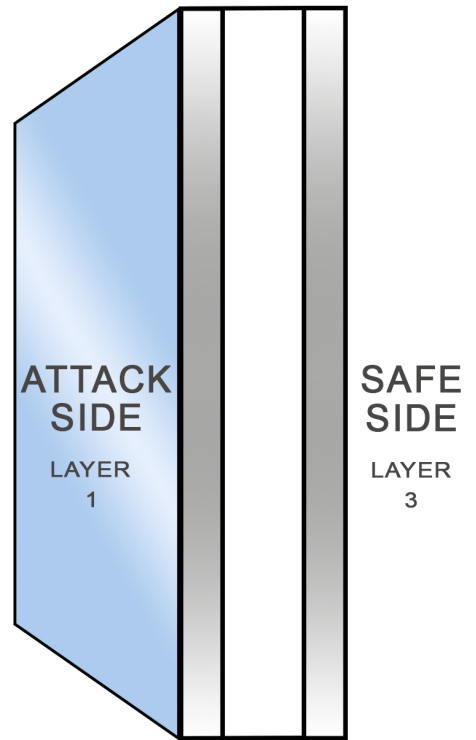
Layer 2: 1/2" Air Gap

Layer 3: 1/4" Tempered Glass

Heat Strengthened Optional

## SECURITY GLASS

AP25 1" IGU



## BALLISTIC AND FORCED ENTRY RATING

- ASTM F1233-80
- TEST 5-aa 1
- HPW-TP-0500.03
- Miami-Dade TAS 201, 202, 203
- Human Impact AAMA 501.8

## PROPERTIES & SPECIFICATIONS

Protection	Forced Entry
Ballistic Data	N/A
Light Transmission	84%
Thickness	1.0   1"
Weight	4.75 lbs/sqft
Dimensional Tolerance	ASTM C 1349

**STANDARDS**

- ANSI Z971.1984 Safety Glazing Materials for Buildings
- ASTM C 1036 Standard Specifications for Flat Glass
- ASTM C 1172 Standard Specification for Laminated Architectural Flat Glass

**RIOT GLASS® AP25 1" IGU OPTIONS:**

- Clear
- Reflective Glass
- One-Way Mirror
- Translucent White Interlayer (Frosted Layer)
- Tint (Gray, Bronze, Green, & Blue)
- Wire Glass
- Insulating Units
- Low E

More options available. Please inquire for specific size and thickness availability.

**WARRANTY**

- 5 (five) years from date of manufacture

**CARING FOR EXPOSED GLASS SURFACES**

It is imperative to clean the glazing unit during and after the construction period to maintain optimum performance and aesthetic properties. To clean, use a soft, clean cloth and a mild soap, detergent, or slightly acidic cleaning solution (such as vinegar). Avoid using razor blades which can scratch the glass and exposed polycarbonate layer. Wipe with a clean, lint-free cloth.

**STORAGE**

Prior to installation:

Store glass in a cool, dry place away from direct sun exposure. If possible, keep the panels in the original shipping crate to limit exposure to dust, dirt, chemicals, and to avoid accidental impact damage.

Copyright © 2017 Riot Glass™. All rights reserved.

SELLER DISCLAIMS ALL IMPLIED WARRANTIES AND SIMILAR OBLIGATIONS (OTHER THAN GOOD TITLE) INCLUDING BUT NOT LIMITED TO THOSE OF FITNESS FOR A PARTICULAR PURPOSE, AND MERCHANTABILITY, WHETHER OTHERWISE ARISING BY LAW, CUSTOM, USAGE, TRADE PRACTICE, COURSE OF DEALING, OR COURSE OF PERFORMANCE. Buyer acknowledges the installation of the goods must be performed by an authorized dealer and with the correct procedures to achieve any particular purpose or safety result. There are no warranties which extend beyond those express warranties contained in the purchase agreement between Buyer and Seller. Any design provided by Seller is based on information provided by Buyer.

