

**FORCED ENTRY**

**AP-Series** —

**AP375**

— **Security**



## PRODUCT DESCRIPTION

AzorPlast® (AP-Series) products are manufactured with our industry-leading resins for exceptional forced entry impact resistance.

Years of field experience and laboratory testing has resulted in the AP Series product line. Our premium forced entry barrier satisfies both security and aesthetic requirements.

High optical clarity and shatter resistance ensures that visibility can be maintained for surveillance or visual confirmation, even during a severe attack.

With glass-like transparency, extreme durability, and an extended service life due to our special UV coatings, AP-Series products are the perfect solution for light weight security window and door retrofits.



## SECURITY AND SAFETY GLAZING

AP-Series AP375 sheets are a monolithic polycarbonate that satisfies the requirements of ASTM F 1915, ASTM F 1233, ASTM F 3561, and UL 972. They are suitable for all forced entry and security applications that require resilient, dependable performance.

All AP-Series polycarbonate products are engineered for high optical clarity. Interior and exterior surfaces have a proprietary AR hard coat that facilitates cleaning and resists marring, chemical attack, and graffiti.

AP375 has a (7) year Limited Product Warranty against coating failure, yellowing, and hazing.

### TYPICAL PROPERTIES

THICKNESS	0.375" ± 5%	SHADING COEFFICIENT	0.92
WEIGHT	2.3 LBS/SQ FT	LIGHT TRANSMISSION	88%
U-VALUE	0.84		

### RATINGS

#### FORCED ENTRY & CONTAINMENT

- **With USF Surface Mount Framing**
  - ASTM F 1233-08 Class 2.8
- **With USF Full Framing**
  - ASTM F 1233-08 Class 2.8
  - ASTM F 3561 Level 8
- **ASTM F 1915 Grade 3**
- **H.P. White TP 0500 Level 1 Seq 8**
- **UL 972: Burglary Resistant Glazing Materials**

#### COMPLIANCE CERTS

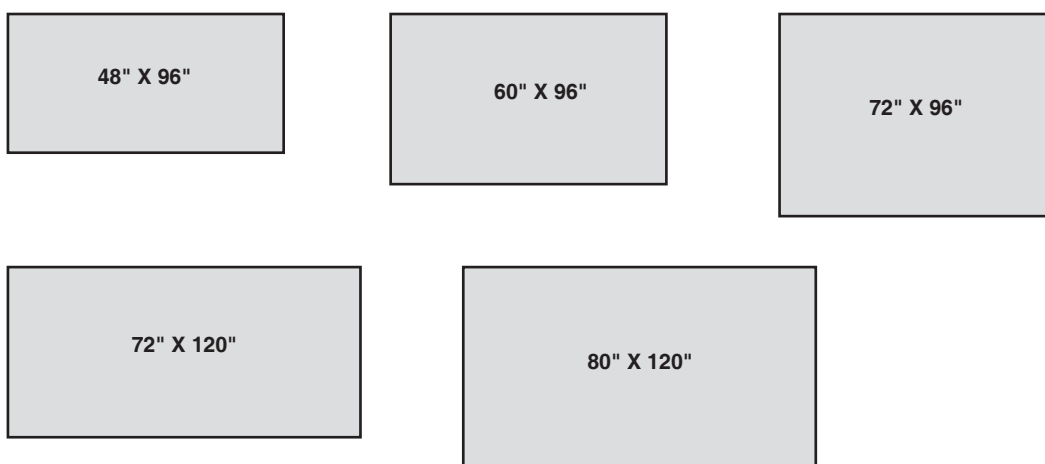
- ANSI Z97.1 Safety Glazing
- CPSC 16 CFR 1201 CAT I and II
- UL 746C: Sustainability for Outdoor Use
- AAMA 501.8: Resistance to Human Impact

# AP-Series Polycarbonate Security Panels

## GLAZING RECOMMENDATIONS

- Structural security framing systems with equal or greater forced entry and/or ballistics ratings to the selected AP-Series security are recommended.
- AP-Series panels should be sized to allow for a minimum of one 3/4" edge engagement in the frame.
- Use wet or dry sealants compatible polycarbonates.
- Remove protective masking after glazing operations are completed and before prolonged exposure to direct sunlight, moisture or high temperature.

## STANDARD STOCK SIZES\*



\* Additional Sizes may be available upon special request.

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. Buyer affirms that it has not relied upon Seller's skill nor judgment to select or furnish the Goods for any particular purpose beyond the specific express warranties in the Agreement. Any design provided by Seller is based on information provided by Buyer. Seller does not warrant the Goods will comply with the requirements of any safety or environmental code or regulation of any federal, state, municipality or other jurisdiction beyond the specific express warranties or test data in the Agreement.

Buyer acknowledges although components of the Riot Glass, LLC products may contain specific ratings, including ballistics-grade products, such tests were performed in laboratory conditions, in a controlled environment, and only related as a specific component of the overall system. Buyer acknowledges Buyer is purchasing an installed system comprising of multiple components which have been rated, tested, or approved for varying performance levels including ballistics, or fitness of a particular purpose, including but not limited to preventing intrusion by any or limited means. Furthermore, neither Riot Glass, LLC nor its Authorized Dealers can guarantee the installed system will provide the necessary protection to Buyer's property due to the variance of the environment from laboratory conditions. Riot Glass, LLC specifically disclaims any implied warranties, including fitness for a particular purpose and merchantability, and advises Buyer to conduct its own research to determine the best solution for Buyer's unique situation.

**Riot Glass, LLC**  
**800.580.2303**  
**1661 Glenlake Avenue**  
**Itasca, IL 60143**  
**riotglass.com**

©2025 RIOT GLASS, LLC



ArmorPlast® and Riot Glass® are trademarks of Riot Glass, LLC.