

FORCED ENTRY

AP-Series

AP25

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 AP25 Polycarbonate Sheets are an abrasion and UV resistant security panel that offers glass-like surface hardness coupled with the impact strength of polycarbonate.

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.

AP25 has a (7) year Limited Product Warranty against coating failure, yellowing, and hazing.

TYPICAL PROPERTIES

THICKNESS	.236" ± 5%	SHADING COEFFICIENT	0.97
WEIGHT	1.5 LBS/SQ FT	U FACTOR (Winter, Summer)	0.85 / 0.92

RATINGS

FORCED ENTRY AND CONTAINMENT

- With UFS Surface Mount Framing
 - ASTM F 1233-08 Class 2.8
- With UFS Full Framing
 - ASTM F 1233-08 Class 1.3
 - ASTM F 3561 Level 4
- H.P. White TP 0500 Level 1 Seq 8
- UL 972 Burglary Resistant Glazing
- ASTM F 1915 4 for Detention
- HPW-TEST 5-aa 1 for Detention
- HPW-TP-0500.03 Forced Entry
- UL972: 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
- UL 94: Flammability
- UL 94 Propane Torch Test

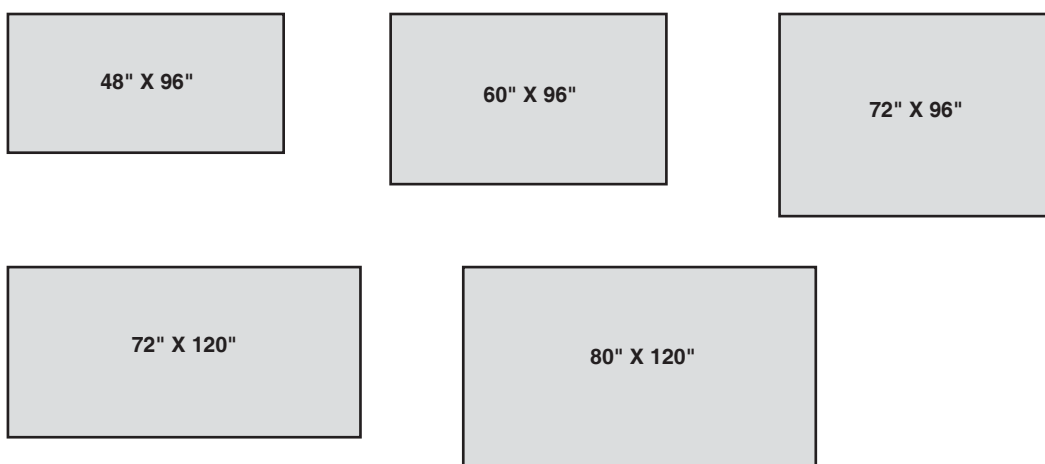


AP-Series Polycarbonate Security Panels

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 1" 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.

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