

BALLISTIC
UL752 LEVEL 6

AP-Series

AP125-BR6

No Spall

PRODUCT DESCRIPTION

ArmorPlast® (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.



BALLISTIC GLAZING (UL 752 LEVEL 6)

AP-Series AP125-BR6 ballistic grade sheet is a 1-1/4" thick, 4-ply polycarbonate sheet that meets UL 752 Level 6 rating for high speed multi-shot 9mm (Uzi) ballistic attack. Unlike glass-clad products, this ballistic laminate resists spalling and white-out after repeated high force and ballistic impacts, an advantage in maintaining visibility of a threat during an attack.

All AP-Series products incorporate polycarbonate sheet produced for high optical clarity in security glazing laminates. Interior and exterior surfaces have a proprietary AR hard coat that facilitates cleaning and resists marring, chemical attack, and graffiti.

AP125-BR6 sheet has a seven (7) year Limited Product Warranty against coating failure, yellowing, and hazing.

TYPICAL PROPERTIES

THICKNESS	1.30" + 5%	SHADING COEFFICIENT	0.98
WEIGHT	8.1 LBS/SQ FT	LIGHT TRANSMISSION	78%
U-VALUE	0.56		

RATINGS

BALLISTIC

- **UL 752 Level 6:** Five shots to emulate a sub-machine gun, such as a 9mm Uzi. Velocity (fps) Min 1471 to Max 1524
- **Supplementary Shotgun:** A supplementary UL test using rifled lead slug with a muzzle energy of 2438-2950 ft-lbs (3306-4000J) and 00 lead buckshot with a muzzle energy of 2078-2415 ft-lbs (2818-3275J) fired from a 12-gauge shotgun.

AGENCY INFORMATION

- Combustibility Class CC2



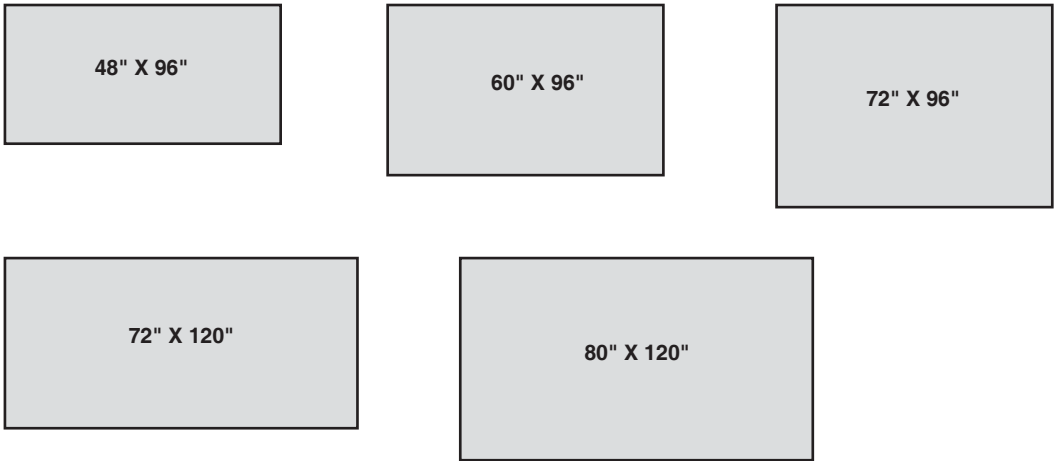
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AP-Series Polycarbonate Security Panels

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.

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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.

