

BALLISTIC
UL 752 LEVEL 1

RG-Series — RG1-XL — Low Spall



PRODUCT DESCRIPTION

RG-1XL Series Glass-Clad laminates (GCP) are made with a combination of our AP-Series, military-grade polycarbonate panels, interlayered with tempered, annealed, or heat strengthened glass.

Years of field experience and laboratory testing has resulted in the RG1-XL Series product line - a premium ballistic barrier that satisfies both security and aesthetic requirements.

Available in your choice of ultra-clear low iron, low-E, tinted, or mirrored glass options.

RG1-XL Series has glass on both exposed surfaces of the panel for optimal durability and longevity, even in high traffic areas.

OVERSIZED BALLISTIC GLAZING (UL 752 LEVEL 1)

RG-Series ballistic grade panels are a multi-ply glass-clad polycarbonate laminate that meets UL 752 Level 1 rating for 9mm ballistic attacks. RG Low Spall products incorporate our proprietary AP-Series polycarbonate technology produced for high optical clarity in security glazing laminates.

High profile installations have included government buildings, detention facilities, banks, sports stadiums, schools, and religious facilities. Common applications include security doors, windows, and other areas that require specific levels of ballistic protection.

RG-Series laminated panels have a five (5) year Limited Product Warranty against coating failure, yellowing, de-lamination, and hazing.

TYPICAL PROPERTIES

THICKNESS	0.726" + 5%
WEIGHT	7.49 LBS/SQ
LIGHT TRANSMISSION	FT 84%
MAX SIZE	128" x 300"

RATINGS

BALLISTIC

- UL 752 Level 1 (Mod) -9mm 124 Grain

FORCED ENTRY

- ASTM F1233 Class 2.4
- ASTM F3561 Level



RG1-XL Series Ballistic Panels

GLAZING RECOMMENDATIONS

- Structural security framing systems with equal or greater forced entry and/or ballistics ratings to the selected RG1-XL Series GCP are recommended.
- RG1-XL Series GCP should be ordered to allow for a minimum of one (1) inch edge engagement in the frame
- Use wet or dry sealants compatible with laminated glass.

RG1-XL Series panels are made to order and not available in standard sizes. The XL Series is available up to 128" x 300".
Call for current pricing and availability.

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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.

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