

**BALLISTIC  
UL 752 LEVEL 1**

# RG-Series

# RG1-XL

## Low Spall

### PRODUCT DESCRIPTION

RG1-XL all-glass laminate is made with our military-grade forced-entry and ballistic interlayers coupled with tempered, annealed, or heat strengthened glass.

Years of field experience and laboratory testing has resulted in the RG1-XL oversized technology - a premium security 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 has glass on both exposed surfaces of the panel for optimal durability and longevity, even in high traffic areas.



### BALLISTIC GLAZING (UL 752 LEVEL 1)

RG1-XL forced-entry and ballistic grade panels are a multi-ply all-glass laminate that meets UL 752 Level 1 rating for 9mm ballistic attacks. RG Low Spall products incorporate our RG urethane 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 and high-level forced-entry protection.

RG-Series laminated panels have a ten (10) year Limited Product Warranty against micro cracking, de-lamination, and hazing.

#### TYPICAL PROPERTIES

THICKNESS	0.947" + 5%
WEIGHT	10.06 LBS/SQFT
LIGHT TRANSMISSION	84%
MAX SIZE	128" x 300"

#### BALLISTIC

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

#### FORCED ENTRY

- ASTM F1233 Class 2.3
- ASTM F3561 Level 8



# RG1-XL Forced-Entry & Ballistic Panels

## GLAZING RECOMMENDATIONS

- Structural security framing systems with equal or greater forced entry and/or ballistics ratings to the selected RG1-XL are recommended.
- RG1-XL 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.

## SIZES

**RG1-XL panels are made to order rather than standard sizes. The XL product 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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