

**BALLISTIC  
UL 752 LEVEL 5**

# ArmorPlast® RG5 LS

— Low Spall

## PRODUCT DESCRIPTION

RG Series Glass-Clad laminates are made with a combination of our ArmorPlast® military-grade polycarbonate panels inter-layered with tempered, annealed, or heat strengthened glass.

Years of field experience and laboratory testing has resulted in the RG 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.

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



## BALLISTIC GLAZING - UL 752 LEVEL 5

RG LS ballistic grade panels are a multi-ply glass-clad polycarbonate laminate that meets UL 752 Level 5 rating for 7.62x51mm 150 grain M80 Ball Copper Jacket ballistic attacks. RG Low Spall products incorporate our proprietary ArmorPlast® polycarbonate technology produced for high optical clarity in security glazing laminates.

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, delamination, and hazing. Warranty terms are available upon request.

High profile installations have included government buildings, detention facilities, banks, sports stadiums, schools, and religious facilities.

### TYPICAL PROPERTIES

THICKNESS	1.308" (1-3/8") ± 5%
WEIGHT	14.3 LBS/SQ FT
LIGHT TRANSMISSION	67%

### RATINGS

BALLISTIC  
UL 752 Level 5 (Mod)  
7.62x51mm 150 Grain  
M80 Ball Copper Jacket

SAFETY GLAZING  
ANSI Z971.1984, ASTM C 1036, AND  
ASTM 1172



# RG LS Series Ballistic Panels

## GLAZING RECOMMENDATIONS

- Structural security framing systems with equal or greater forced entry and/or ballistics ratings to the selected RG Series laminate are recommended
- RG laminates 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
- Remove protective masking after glazing operations are completed and before prolonged exposure to direct sunlight, moisture or high temperature

## SIZES

**All RG Series panels are made to order and not available in standard sizes. Call for current pricing and availability.**

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 Ave. Itasca, IL 60143**  
[riotglass.com](http://riotglass.com)

©2023 RIOT GLASS, LLC



ArmorPlast® is a trademark of Riot Glass, LLC.