



# RIOT GLASS™ RG8 IGU

Product Specification Sheet

# 2-13/16” BALLISTIC GLASS

Low Spall

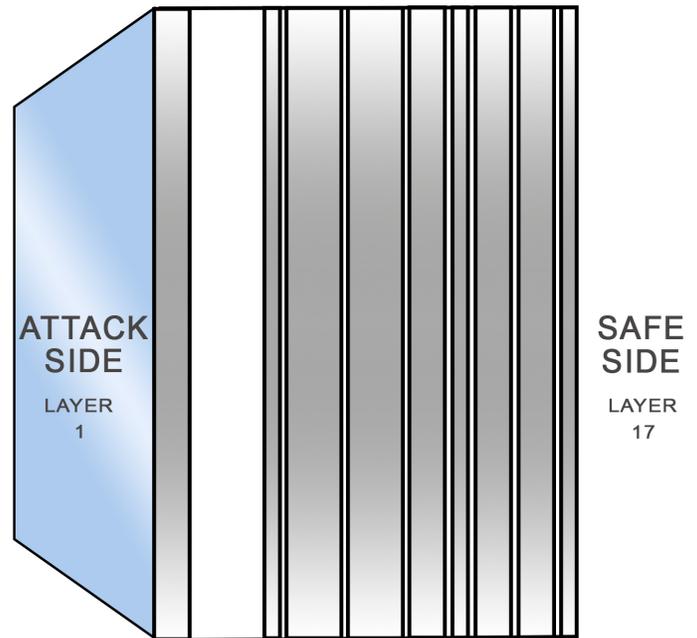
## SPECIFYING AND TECHNICAL DATA

The following layers represent the glass makeup.

### COMPONENTS

- Layer 1: 1/4” Tempered Solarban 60 Low-E Glass
- Layer 2: 1/2’ Air Space
- Layer 3: 1/8” Low Iron Heat Strengthened Glass
- Layer 4: .03 PVB
- Layer 5: 3/8” Low Iron Glass
- Layer 6: .03 PVB
- Layer 7: 3/8” Low Iron Glass
- Layer 8: .03 PVB
- Layer 9: 1/4” Low Iron Glass
- Layer 10: .05 Urethane
- Layer 11: 1/8” Polycarbonate
- Layer 12: .05 Urethane
- Layer 13: 1/4” Low Iron Glass
- Layer 14: .05 Urethane
- Layer 15: 1/4” Polycarbonate
- Layer 16: .025 Urethane
- Layer 17: 1/8” Low Iron Heat Strengthened Glass

## GLASS CLAD LAMINATE RG8 IGU



## PROPERTIES & SPECIFICATIONS

Protection	UL Level 8   7.62 Military Ball
Ballistic Data	Velocity 1: 2750 ft/s Velocity 2: 3025 ft/s
Light Transmission	70%
Thickness	2.89   2-13/16”
Weight	26.84 lbs/sqft
Dimentional Tolerance	ASTM C 1349

# RIOT GLASS™ RG8 IGU 2-13/16" BALLISTIC

## STANDARDS

- ANSI Z971.1984 Safety Glazing Materials for Buildings
- ASTM C 1036 Standard Specifications for Flat Glass
- ASTM C 1172 Standard Specification for Laminated Architectural Flat Glass

## RIOT GLASS™ RG8 IGU OPTIONS:

- Clear
- Reflective Glass
- One-Way Mirror
- Translucent White Interlayer (Frosted Layer)
- Tint (Gray, Bronze, Green, & Blue)
- Wire Glass
- Insulating Units
- Low E

More options available. Please inquire for specific size and thickness availability.

## WARRANTY

- 5 (five) years from date of manufacture

## CARING FOR EXPOSED GLASS SURFACES

It is imperative to clean the glazing unit during and after the construction period to maintain optimum performance and aesthetic properties. To clean, use a soft, clean cloth and a mild soap, detergent, or slightly acidic cleaning solution (such as vinegar). Avoid using razor blades which can scratch the glass and exposed polycarbonate layer (no spall makeups). Wipe with a clean, lint-free cloth.

## STORAGE

Prior to installation:

Store glass in a cool, dry place away from direct sun exposure. If possible, keep the panels in the original shipping crate to limit exposure to dust, dirt, chemicals, and to avoid accidental impact damage.

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