



RIOT GLASS® RG1 LS

Product Specification Sheet

3/4" BALLISTIC GLASS

Low Spall

SPECIFYING AND TECHNICAL DATA

The following layers represent the glass makeup - the specific order of materials used to achieve ballistic and/or forced entry ratings.

COMPONENTS

Layer 1: 1/8" Tempered Glass

Layer 2: .05 Urethane

Layer 3: 3/16" Polycarbonate

Layer 4: .025 Urethane

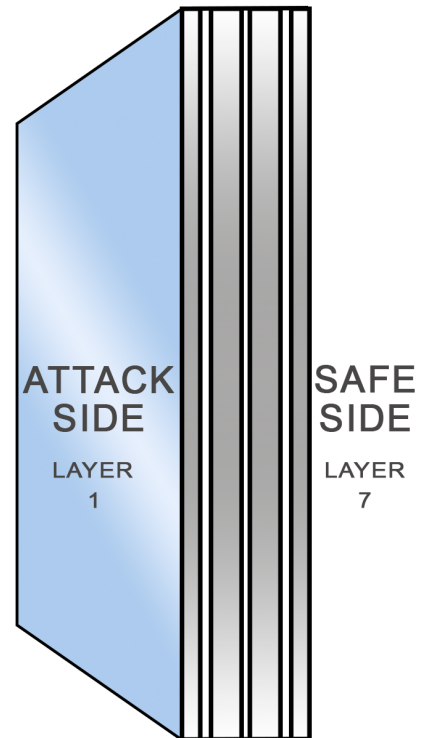
Layer 5: 3/16" Polycarbonate

Layer 6: .05 Urethane

Layer 7: 1/8" Glass

Heat Strengthened Optional

GLASS CLAD LAMINATE RG1 LS



BALLISTIC AND FORCED ENTRY RATING

- H.P. White TP-0500.02 Level II - Forced Entry
- U.L. Level 1 – 9 MM (Low Spall)
- H.P. White Level B Ballistics – 9 mm (Low Spall)
- WMFL Level III – 30 Minute Physical Attack

PROPERTIES & SPECIFICATIONS

Protection	9 mm
Ballistic Data	Velocity 1: 1175 ft/s Velocity 2: 1293 ft/s
Light Transmission	84%
Thickness	.75 3/4"
Weight	6.06 lbs/sqft
Dimentional Tolerance	ASTM C 1349

RIOT GLASS® RG1 LS 3/4" BALLISTIC GLASS

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® RG1 LS 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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