

BALLISTIC GLAZING SYSTEM • UL 752 LEVEL 7 (AR-15)

BallistiMAX

Rate the opening. Keep the building.



FIG. 01 – TAMARAC, FL • COMMERCIAL RECEPTION

AT A GLANCE

01

UL 752 Level 7

AR-15 rated — 5.56 mm FMJ, 5 shots at 3,080 to 3,388 ft/s

02

BallistiSHOCK

Reactive layer holds the inner face and directs energy outward

03

1.6 in / 15 lb/ft²

Thinner section drops into a 1.75 in door without modification

OVERVIEW

BallistiMAX is a glass-clad polycarbonate ballistic glazing system rated to UL 752 Level 7 (AR-15) — 5.56 mm FMJ rifle rounds at 3,080 to 3,388 ft/s, 5 shots. Ordinary bullet-resistant glazing absorbs and traps. BallistiMAX absorbs, and the BallistiSHOCK reactive layer directs residual energy outward — away from the occupied side of the opening. On high-speed footage of a 5.56 round impact, secondary fragments exited the strike face at roughly 1,700 ft/s; the inner face held. The system runs 1.6 inches thick at 15 lb per square foot, so the thinner section fits a 1.75-inch door without modification. Deployed in schools, sanctuaries, government receptions, and memorials since 2018.

FULL SPECIFICATION

Technical profile

PRODUCT TYPE	Glass-clad polycarbonate ballistic glazing system with BallistiSHOCK reactive layer
PERFORMANCE RATING	UL 752 Level 7 (AR-15)
RATED THREAT	5.56 mm rifle · FMJ copper jacket lead core · 5 shots at 3,080 to 3,388 ft/s (UL 752 Level 7)
REACTIVE LAYER	BallistiSHOCK — holds the inner face and directs residual energy outward, away from the occupied side of the opening
OUTWARD FRAGMENT VELOCITY	Approximately 1,700 ft/s for a 5.56 round (high-speed footage)
SECTION THICKNESS	1.6 in — fits a 1.75 in door without modification
SYSTEM WEIGHT	Approximately 15 lb per square foot — less stress on existing frames and structures
STANDARDS REFERENCED	UL 752 Level 7 (AR-15), ASTM F1233, UL 972, TAC compliant
COMMON APPLICATIONS	Sanctuary entries · classroom vision lites · reception lobbies · memorial institutions · government facilities
LEAD TIME	Specified and installed by Ballistiglass associates; typically 4 to 8 weeks from approved survey
IN SERVICE	Deployed in schools and sanctuaries since 2018; contiguous 48 states



FIG. EDGE PROFILE

BallistiMAX edge profile — 1.6 in thick at 15 lb per square foot. The thinner section drops into a 1.75 in door without modification, and the lighter weight puts less stress on existing frames and structures.

COMPLIANCE & CERTIFICATIONS

- 01 UL 752 Level 7 (AR-15)**
Ballistic-resistance performance standard — AR-15 threat rating.
- 02 ASTM F1233**
Security Glazing Materials and Systems test method.
- 03 UL 972**
Standard for Burglary Resisting Glazing Material.
- 04 Multi-state school statutes**
Aligns with Florida MSD Public Safety Act (Fla. Stat. § 1006.07), Texas Administrative Code school security provisions, and other applicable state school safety requirements for ballistic glazing.
- 05 Field survey required**
Each opening is measured and documented before fabrication.

Request a site assessment.

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