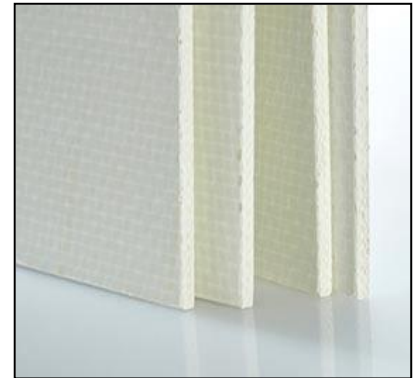




GlasArmor™ Ballistic Resistant Panels

GlasArmor™ Ballistic Resistant Panels are constructed to provide any facility with the latest in military grade protection from armed attackers. Originally developed for use by the Department of Defense for protection from mortar fire, our FRP Composite panels offer superior ballistic resistance at a less than 25 percent the weight of a comparable steel panel. These same panels are now available for commercial security applications for your business, home, or governmental facility.



GlasArmor panels are constructed from multiple layers of woven fiberglass, encapsulated with a proprietary resin system by the pultrusion process, which produces a rigid panel with exceptional ballistic resistance. The unique composite matrix of the panels allow for retention of the projectile to avoid potentially hazardous ricochet. These FRP panels offer ballistic resistant security with the additional performance advantages of durability, corrosion resistance, electrical non-conductivity, low thermal conductivity and light weight.

Utilized for both indoor and outdoor applications, panels can be easily incorporated into standard building design to provide undetectable ballistic protection. Panels can be field-fabricated utilizing simple installation methods and common carpentry tools. Surface finish is smooth in a white color with custom colors available in production quantities. Panels can be primed and painted or covered by gypsum board or other materials to match specific requirements.

Panels are available with a nominal thickness of 1/4", 3/8" and 1/2" for protection to UL752 levels 1, 2 & 3 and NIJ Levels I, II & IIIA test standards for ballistic resistance. Additional protection against higher power ammunitions to UL 752 Level 4 for .30 caliber rifles and Level 8 for 7.62mm rifles are achieved by layering multiple GlasArmor panels. This also permits offsetting of panel joints and easier handling for installation when the use of thicker, heavier panels for greater protection is required.

- Constructed from layers of 0-90° woven E-glass fiber
- Sizes from 36" x 84" to 48" x 120" with other panel lengths available.
- Fire rated for 1-hour per ASTM E-119-09c
- Flame Spread Rating of 45, Smoke Developed Rating of 165 per ASTM E-84-08a
- NFPA & IBC Class B Fire rating (Class A panels are also available in production quantities)

MODEL	NOMINAL THICKNESS	WEIGHT	AMMUNITION TYPE	BALLISTIC RATING
GA256-A5L1	1/4"	2.7 lbs/ft ²	9 mm	UL 752 Level 1 NIJ Level I
GA384-A5L2	3/8"	4.0 lbs/ft ²	.357 Mag	UL 752 Level 2 NIJ Level II
GA500-A5L3	1/2"	5.4 lbs/ft ²	.44 Mag	UL 752 Level 3 NIJ Level IIIA

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