

# Government Buildings

SECURITY AGAINST BALLISTIC THREATS



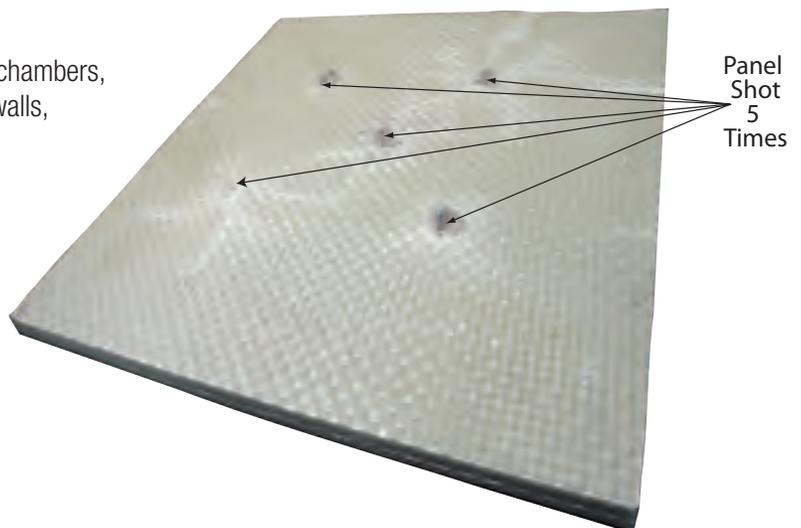
Despite the best designed security procedures, the threat of weapons remain a constant within government facilities. The security risk of harm caused by bullets from a rifle or handgun can be managed by integrating ballistic-resistant panels within defensive architecture.

**ArmorCore**® bullet-resistant fiberglass panels are the safest, most affordable, and efficient ballistic protection solution available for both new construction and remodeling projects.

From Federal courthouses to county jails and local school board chambers, **ArmorCore**® panels, concealed behind drywall or woodwork of walls, counters and doors, provide superior security from firearms.

Unique benefits of **ArmorCore**® panels include:

- UL Listed at all 8 levels of the UL 752 Standard
- Easy To Install With Conventional Tools
- Effective Delay Against Forced Entry
- Low Wicking – preventing build-up of mold
- Non-Toxic Materials – no Formaldehyde
- Available in Panel Sizes up to 5' x 10'



## APPLICATION SITES

**ArmorCore**® bullet-resistant panels are an ideal Defensive Architecture solution for:

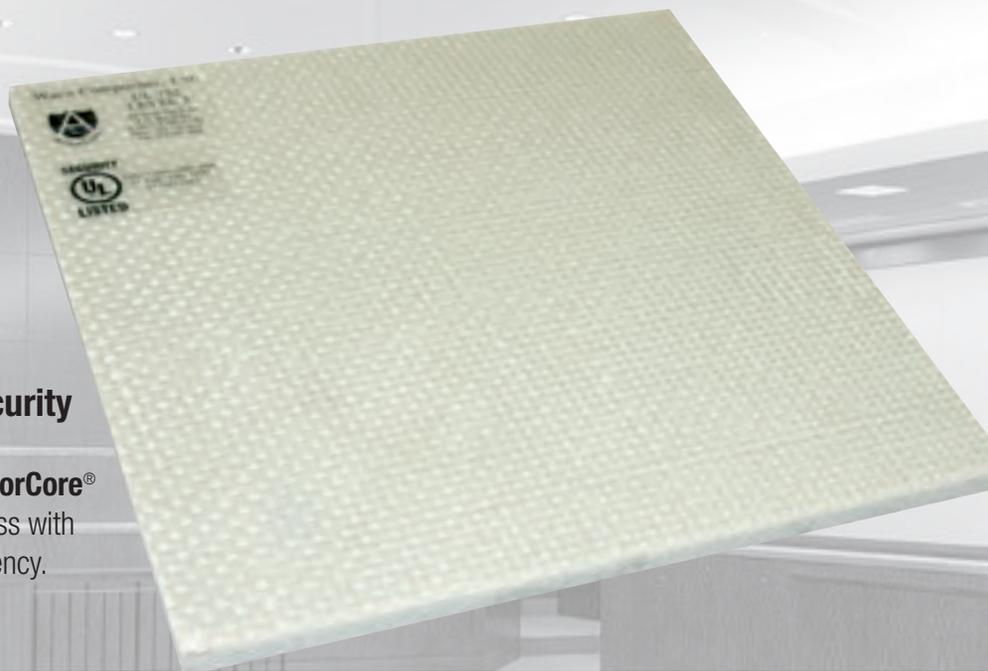
- Courthouses / Court Rooms
- Public Safety Facilities
- Educational Facilities
- Justice Buildings
- Utilities
- Embassies & Consulates
- Homeland Security Facilities
- Veterans' Administration Facilities
- Federal/State/County Offices
- Council/Commission Meeting Rooms

**Build For Life**

Combining woven-roving fiberglass with resin, **ArmorCore®** panels capture the ballistic projectiles in a process called ply-delamination without ricochet or spalling.

**ArmorCore® panels deliver superior security against bullets and blast fragments.**

Through a proprietary manufacturing process, **ArmorCore®** panels are precision-assembled and cured in a press with heat and pressure, maintaining quality and consistency.



## UL 752 Protection Level

Level / UL Rating	UL	Nominal Thickness	Nominal Weight lbs/sq. ft	NIJ Level	Ammunition	Grain	(g)	Minimum fps	Velocity m/s	No. of Shots	UL 752 Paragraph
Level 1	UL	1/4"	2.6 psf		9mm full metal copper jacket with lead core	124	8	1175	358	3	4.3
Level 2	UL	5/16"	3.6 psf	Level II-A	.357 magnum jacketed lead soft point	158	10.2	1250	381	3	4.4
Level 3	UL	7/16"	4.8 psf	Level III-A	.44 magnum lead semi-wadcutter gas checked	240	15.6	1350	411	3	4.5
Level 4	UL	1-3/8"	13.9 psf		.30 caliber rifle lead core	180	11.7	2450	774	1	4.6
Level 5	UL	1-7/16"	14.8 psf		7.62mm rifle lead core full metal copper jacket, military ball	150	9.7	2750	838	1	4.7
Level 6	UL	3/8"	3.9 psf	Level II	9mm full metal copper jacket with lead core	124	8	1400	427	5	4.8
Level 7	UL	1-1/8"	11.7 psf		5.56mm rifle full metal copper jacket, with lead core	55	3.56	3080	939	5	4.9
Level 8	UL	1-7/16"	15.2 psf	Level III	7.62mm rifle lead core full metal copper jacket, military ball	150	9.7	2750	838	5	4.10
Supplementary Shotgun					12-gauge rifled slug	437	28.3	1585	483	3	4.11
					12-gauge 00 lead buckshot (12 pellets)	650	42	1200	366		

**ArmorCore®** carries a one-hour fire rating compliant to ASTM E119-00 (Fire Testing of Building Construction and Materials)

**ArmorCore®** Level 3 panels carry a Class IV Forced Entry Protection rating, per ASTM F1233-98.

## The Industry Leader

Waco Composites, Ltd. leads the industry in ballistic panel design and fiberglass product development. Our team's experience includes design and development of ballistic resistant panels for a wide range of applications: Commercial, Governmental, Educational and Military.

Consistent ballistic testing, documentation and attention to detail are part of the Waco Composites Quality Assurance Program. Waco Composites is an ISO 9001:2008 registered company.



For Product Details, Specifications and Pricing:

Call us at:

**866-688-3088**

Or visit our website:

**www.ArmorCore.com**