



Military

B A L L I S T I C S E C U R I T Y - T E S T E D U N D E R F I R E



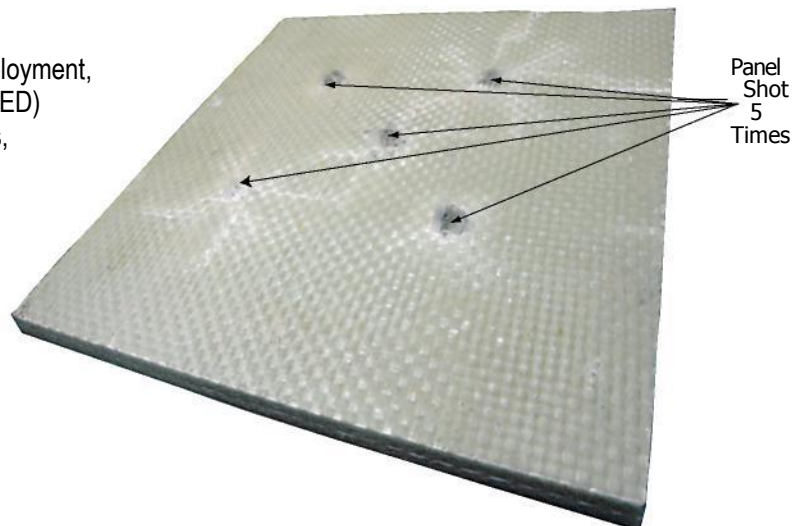
Troops stationed throughout the world live under constant risk. Whether deployed overseas or domestically, the threat of harm to military personnel and civilians by bullets or blast fragments can be managed by integrating ballistic-resistant panels within walls, doors and furnishings.

ArmorCore® bullet-resistant fiberglass panels are the safest, most affordable, and efficient ballistic protection solution available for both transportation and construction applications.

ArmorCore® panels have successfully protected soldiers in deployment, providing bullet, mortar-blast and improvised explosive device (IED) resistance with panels fashioned specifically for troop transports, weapons training areas and base facilities.

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 protective solution for::

- | | |
|--|---------------------|
| ■ Humvees and other Transport Vehicles | ■ Dining Halls |
| ■ Military Housing | ■ Base Entrances |
| ■ Guard Shacks | ■ Chinook 47 |
| ■ Surveillance Aircraft | ■ LCAC Navy Vessels |
| ■ Helicopters | |
| ■ Weapons Training Facilities | |

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 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 9001:2015 registered company.



For Product Details, Specifications and Pricing:

Call us at: **866-688-3088**

Or visit our website: www.ArmorCore.com