SECURITY AGAINST ARMED ATTACK

ARMORCORE
BULLET RESISTANT FIBERGLASS PANELS

There is only one correct answer: All children should be safe from harm while at school. And yet today, gun violence has invaded even these "safe harbors" reconfirming the need for defensive architecture within our educational system.
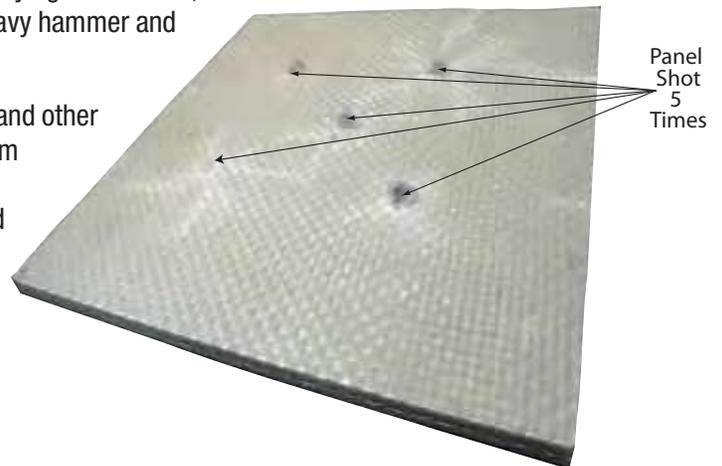
The threat of harm caused by bullets from rifles, shotguns or handguns can be effectively managed by integrating **ArmorCore**® Bullet Resistant Fiberglass Panels within a school's infrastructure.

ArmorCore® bullet resistant panels are the safest, most affordable and simplest solution for ballistic protection. They can easily be retrofitted into existing buildings for immediate effect in providing security against bullets, as well as forced entry from most hand-held attack items, such as axe, heavy hammer and even propane torch.

The same **ArmorCore**® panels that have been proven in military, police and other high risk settings are capable of providing the same level of security from firearms within our schools. The panels can be completely discreet, concealed behind walls and/or woodwork including counters, desks and doors.

Panel Shot 5 Times

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'
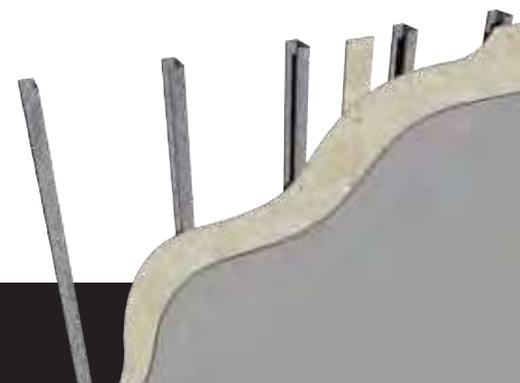- Fiberglass Panels Will Not Block Cellular Signals

APPLICATION SITES
ArmorCore® bullet-resistant panels are an ideal bullet resistance solution for:

- Classroom Closets / Safe Rooms
- Admissions Counter
- School Board Meeting Benches
- Classroom Doors
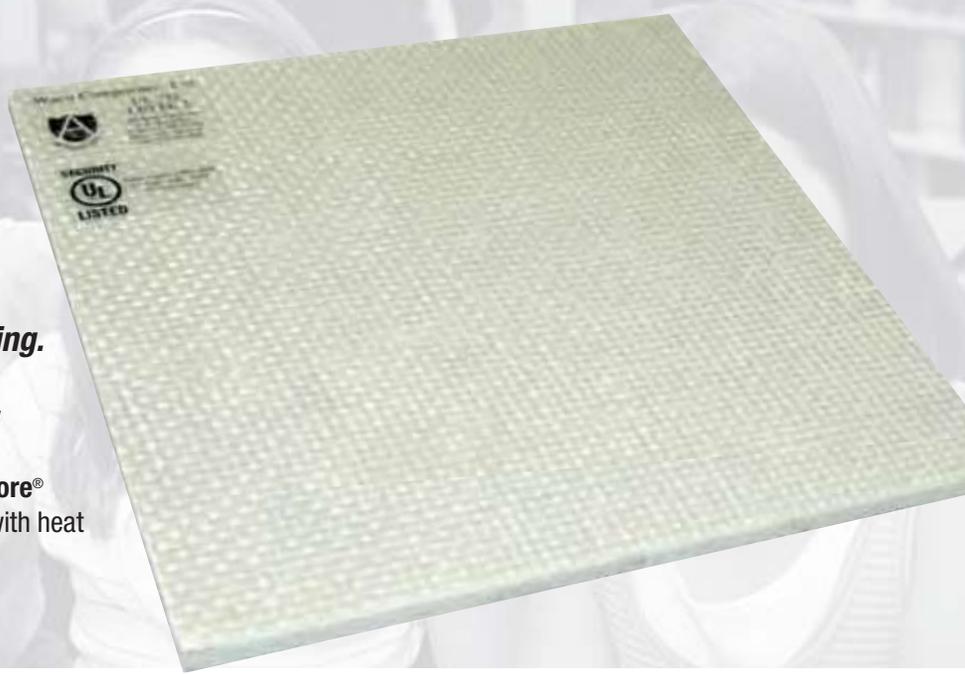- School Offices
- Sensitive Material Storage Rooms

When Evil Knocks, What Is Your Door Made Of?

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	Ⓤ	1/4"	2.6 psf		9mm full metal copper jacket with lead core	124	8	1175	358	3	4.3
	Level 2	ⓊL	5/16"	3.6 psf	Level II-A	.357 magnum jacketed lead soft point	158	10.2	1250	381	3	4.4
	Level 3	ⓊL	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	ⓊL	1-3/8"	13.9 psf		.30 caliber rifle lead core	180	11.7	2450	774	1	4.6
	Level 5	ⓊL	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	ⓊL	3/8"	3.9 psf	Level II	9mm full metal copper jacket with lead core	124	8	1400	427	5	4.8
	Level 7	ⓊL	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	ⓊL	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 <u>Class IV Forced Entry Protection rating,</u> 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. <u>Waco Composites is an ISO 9001:2008 registered company.</u>

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For Product Details, Specifications and Pricing:

Call us at: **866-688-3088**
Or visit our website: **www.ArmorCore.com**