

# CRIME SCENE DO NOT CROSS

# Safe Rooms

## SECURITY AGAINST HOME & OFFICE ATTACK



Personal security is an issue of increasing importance, as more families and businesses become aware of the threat of armed intrusion.

With crime in America increasing at an alarming rate and the incidences of violence occurring closer to home, **ArmorCore**® can also be used to protect those most precious and dear to you – your family and co-workers.

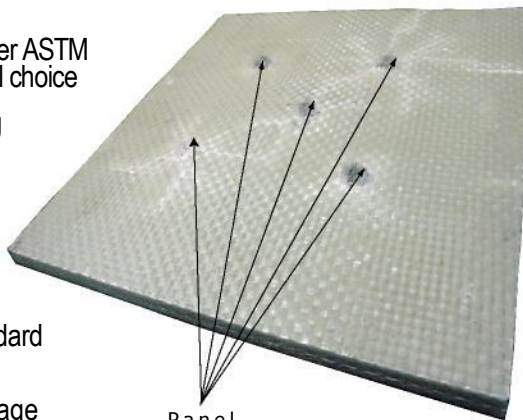
More than a solution for “doomsday” planning, the same **ArmorCore**® ballistic resistant panels that protect security-risk locations, including money rooms, courtrooms, cashier areas, and military personnel carriers can be effectively used to create a Safe Room in a home or office.

Carrying a Class IV “Forced Entry Protection” rating per ASTM standard F1233-98, **ArmorCore**® panels are an ideal choice

for residential safe rooms or panic rooms, providing protection from bullets, while also defending against room entry from sledgehammers, cutting tools and even a propane torch!

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

- UL Listed at all 8 levels of the UL 752 Standard
- No Electrical Conductivity
- No Radio/Cellular Electronic Signal Blockage
- 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'



Panel Shot 5 Times

### PROTECTION FROM STORMS

**ArmorCore**® fiberglass panels provide resistance from wind-borne projectiles, often referred to as “large missiles,” which can include anything from tree limbs and wood fence pickets to appliances and even automobiles.

Test results of **ArmorCore**® Level 3 panels by the Wind Engineering Research Center at Texas Tech University indicated that the fiberglass panels can withstand a 15 lb. 2x4 wood board cannon fired at 100 miles per hour – a force consistent with a “large missile” typical of an EF-5 tornado.

**ArmorCore**® panels have been tested and approved for use in a one-hour firewall, ensuring you and your family are additionally protected from the collateral damage that can often accompany fierce storm events.

## Build For Life

For more information, visit [www.ArmorCore.com](http://www.ArmorCore.com), and see the professional safe room construction video on our Product Details page!

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.







#### APPLICATION SITES

**ArmorCore®** bullet-resistant panels are an ideal Safe Room solution for:

- Home Safe Rooms
- Panic Rooms
- Office Security Rooms
- Secure Doors
- Storage Security
- Hotel Safe Rooms

## UL 752 Protection Level

Level			Nominal Weight lbs/sq. ft	NIJ Level	Ammunition	Grain	(g)	Minimum fps	Velocity m/s	No. of Shots	UL 752 Paragraph
 Level 3		7/16"	4.8 psf	Level III-A	.44 magnum lead semi-wadcutter gas checked	240	15.6	1350	411	3	4.5
		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

**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.



**Waco Composites recommends that ArmorCore® panels used for storm room or safe room construction are installed by a professional contractor following design plans compliant with ICC-500 and FEMA 320 standards.**



For Product Details, Specifications and Pricing:

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

Or visit our website: [www.ArmorCore.com](http://www.ArmorCore.com)