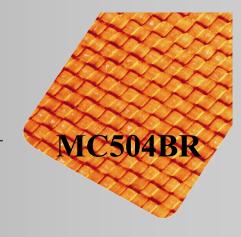
# **ShotBLOCKER**<sup>™</sup>

**Ballistic-Resistant High Performance Thermoset Composites** 





**ShotBlocker**<sup>TM</sup> high performance thermoset composites are the first choice in bullet-resistant fiberglass composite products. Lighter than steel, ricochet-resistant, and readily machined with power hand tools, **ShotBlocker** panels are the ideal reinforcing composite for your bullet and blast resistant architectural and building projects.

Using a unique design and manufacturing process, Norplex-Micarta has the only commercially available Class 1-A fire-rated projectile-resistant building material. *ShotBlocker* panels can be used in commercial and government structures, where increased ballistic protection is desired, while complying with numerous federal and state flame and smoke protection regulations. *ShotBlocker* composites provide far greater security and protection in walls, doors, counters or other applications, when compared to other ballistic laminates.

To insure the level of protection your project demands, specify *Shot*Blocker ballistic-resistant composites by name.

To speak with a technical service representative, call **(800) 350-9490**, or email **info@norplex-micarta.com**.

### **Typical Applications**

- Armored vehicles
- Bank teller stations and ATMs
- · Courtrooms and judges' benches
- Postal facilities
- Corporate offices
- Convenience stores
- Gas stations
- Hotel lobbies
- Ballistic resistant doors
- Government & public buildings

### **Features**

- Class 1-A fire/smoke-rated building material (ASTM E 84)
- · UL Listed
- Certified to NIJ-Std. 0108.01
- · High Strength
- Light Weight
- · Ricochet Resistant
- Easy installation using power hand tools

## **ShotBLOCKER**<sup>TM</sup>

ShotBlocker<sup>TM</sup> Ballistic-Resistant Composite - Specifications

Product Specification Table							
	Test Methods		Ballistic Requirements				
Product	UL-752 Performance Level Standard	NIJ 0108.01	Weapon	Weight	Designation*	Speed	Minimum Thickness
ShotBlocker 01	Level 1		9 mm	124 gr lead	FMJ	1,175 fps	0.242"
ShotBlocker 02	Level 2		.357 mag	158 gr lead	JSP	1,250 fps	0.352"
		Type IIA	.357 mag	158 gr lead	JSP	1,250 fps	0.352"
			9 mm	124 gr lead	FMJ	1,090 fps	
ShotBlocker 03	Level 3		.44 mag	240 gr lead	SWC/GC	1,350 fps	0.396"
		Type II	.357 mag	158 gr lead	JSP	1,395 fps	0.396"
			9 mm	124 gr lead	FMJ	1,175 fps	
		Type IIIA	.44 mag	240 gr lead	SWC/GC	1,400 fps	0.396"
			9 mm	124 gr lead	FMJ	1,400 fps	
ShotBlocker 04	Level 4		.30 cal	180 gr lead	LSP	2,540 fps	1.188"
	Level 5 (1 shot)	Type III	7.62 mm	150 gr lead	FMJ	2,750 fps	1.188"
ShotBlocker 05	Level 8 (5 shots; 4.5" Square)		7.62 mm	150 gr lead	FMJ	2,750 - 3,025 fps	1.320"
*Nomenclature	FMJ = full met GC = gas-checl JSP = jacked so		keď	_	LSP = lead so SWC = semi-		

*Shot*Blocker<sup>™</sup> is Underwriter's Laboratories listed and certified in accordance with the National Institute of Justice, NIJ-STD-0108.01 standard for ballistic resistance properties.

**ShotBlocker** has also been tested to ASTM E84, *Standard Test Method for Surface Burning Characteristics of Building Materials*, by the hardwood Plywood &Veneer Association, Reston, VA, USA. HPVA is a recognized CABO, BOCA and ACBO testing laboratory.

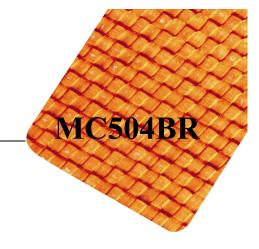
This data is believed to be accurate based on standardized test methods and conditions. Data supplied are typical values and not to be considered as specification values. Please refer to the Architectural Specifications Writer's Guide to determine the correct method of installing these composite panels.

To speak with a technical service representative, call (800) 848-4431, or email info@norplex-micarta.com.



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### **Availability**

- Standard sheet size: 4' x 8'
- Other (non-standard) sheet sizes available on request.

### Aesthetics

- Readily adheres to decorative laminates with the use of contact adhesive.
- Can be decorated with a wide variety of veneers, drywall, wallpaper, other coverings, etc.

#### **Installation Tips**

- Cut with ordinary circular, table or panel saws.
- Use of carbide-tipped saw blades is recommended.
- Butt-joints require a 4" batten strip backing, allowing for a 2" overlap on both sides of the joint.
- Can be fastened in diverse configurations using appropriate adhesives, screws, etc.