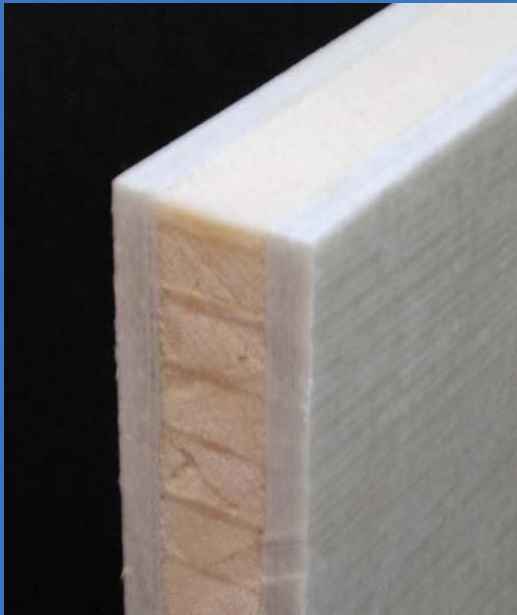


Blast Resistant Panels

Martin Marietta Composites



TRANSONITE®

blast panels

have been tested

to withstand

5lbs of C4

at 36 inches.

For more information about blast panels, please contact

Martin Marietta Composites at:

Toll free: (866) 864-6548

www.MartinMariettaComposites.com
composites@martinmarietta.com



For more information about 3TEX fabrics:
Toll free: (877) 792-3839
www.3TEX.com

Martin Marietta Composites has developed blast resistant composite panels combining two unique 3D technologies for superior performance. Unlike conventional steel and aluminum panels, these 3D composite panels are:

- Light weight
- Corrosion resistant
- Easy-to-install

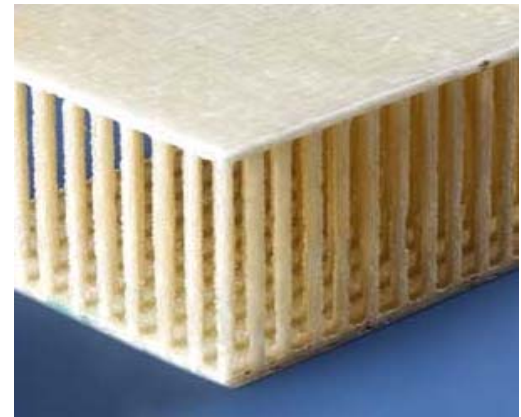
Composite blast panels are constructed with Martin Marietta Composites proprietary panel technology, TRANSONITE®, using 3TEX 3WEAVE™ fabrics.

TRANSONITE is a pultruded 3D, reinforced composite “sandwich” consisting of fiber-reinforced polymer (FRP) laminates and a foam core. The top and bottom face skins are supported by and tied together with through-thickness fibers giving TRANSONITE its high strength and durability.

The FRP laminates are made of multiple plies of 3TEX’s patented 3WEAVE technology. 3WEAVE has “Z” fibers through the fabric thickness. These high-strength 3D laminates provide superior blast resistant capabilities in a light weight panel.

TRANSONITE blast panels can be used in new and existing construction. High value applications include:

- Government buildings
- Correctional facilities
- High-risk retail
- Court rooms
- Bank cashier counters
- Post offices



*TRANSONITE Composite Panel
(with foam removed)*



3TEX 3WEAVE fabric

How can we meet your need?

Martin Marietta Composites can provide a custom-designed TRANSONITE panel to meet your specific threat. Along with varying skin thickness and fiber insertion densities, panels can also be manufactured to specific dimensions up to 102” wide and in any length desired.

It's not what we make, it's what we make possible®