Interbank X

# ARMORTEX® BULLET/BLAST RESISTANT FIBERGLASS

# FABRICATION INSTRUCTIONS

## PRODUCT DESCRIPTION

Armortex® Bullet Resistant Fiberglass is a fiberglass reinforced plastic (FRP). This material is manufactured by mechanically injecting woven roving ballistic grade fiberglass cloth with a thermoset polyester resin. The impregnated cloth is then placed in a hydraulic hot press and pressed into flat rigid sheets.

## INSTALLATION

Cut Armortex® using ordinary carpentry tools. Circular saw, table saw, panel saw, saber saw, etc.
Use the following blades:

RemGrit® "Grit Edge"

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| GC 703 | 7" Circular |
| GC805 | 8" Circular |
| GC915 | 12" Circular |
| GJ18 | Saber Saw |

If continuous or prolonged cutting is anticipated, we recommend the use of a disposable respirator and Tyvek disposable coveralls. Always cut in a well ventilated area. Armortex® Bullet Resistant Fiberglass may be drilled using high speed steel twist drills. Materials should be drilled at a slow speed.

Armortex® may be adhered using an industrial adhesive (mastic) and/or using screws or bolts. It is acceptable to adhere Armortex® to the front surface of the bench and cover it with a veneer. However, it is generally easier to cut appliques of Armortex® and adhere to the inside surfaces.

Any butt joints or seams create a ballistic weakness at the seam. To insure ballistic integrity, we recommend that you incorporate 4" overlap strips (battens). These strips insure a 2" ballistic overlap on each side of the seam. Conformity to curved surfaces can be handled by placing 12" to 18" vertical strips following the inside curvature of the surface to be protected. The same 4" overlap strips should be employed at each joint.

Armortex® easily accepts a wood or plastic veneer using contact cement. It may also be upholstered or painted. To paint we recommend "roughing up" the surface with sandpaper.