

CLAD TUFF®

FRP/Plywood Panels

Fiber-Tech
INDUSTRIES

1-800-879-4377 • fiber-tech.net

Numerous Uses:

- FRP Truck Bodies
- FRP Trailers
- FRP Front Walls for Sheet/ Post Units
- FRP Insulated Reefer Panels
- FRP Door Blanks
- Permanently Arched FRP Roofs
- Slip Resistant One-Piece FRP Floors

The Fiber-Tech FRP Advantage:

- Seamless, one-piece construction
- Durable, strong and abuse resistant
- Choice of colors, sizes and thicknesses
- Custom cut to your specifications
- Decades of proven performance
- Optional core materials available



CLAD TUFF Core Materials

Plywood. Fiber-Tech primarily utilizes only APA trademarked B-CX plywood, plugged and touched sanded one side, structural group I veneers.

CLAD TUFF Reinforcements

Fiberglass Reinforcements. Fiber-Tech offers standard woven roving in nominal 17 oz. or 22 oz. weights. Multiple layers of Fiberglass can be laminated together to increase strength and improve impact resistance.

Exterior Finish

Gel Coat. 15 mils ($\pm .003$ "") of a smooth, high gloss gel coat designed to offer superior weathering characteristics and resistance to UV degradation. All standard Fiber-Tech gel coats are formulated to offer good flexibility, are acid and alkali resistant and when the surface is properly prepared, will readily accept decals and most paints. Please refer to Fiber-Tech's Limited warranty and discuss your paint or graphic package intentions with our sales staff.

Interior Finishes

Standard – Clear film. A thin clear film is laminated to the interior surface of the panel during the composite panel production process. This heat sealable film covers typical porosity and provides a surface which is considerably easier to clean than raw resin surfaces.

Optional – Resin Surface. For applications where sanding, laminating, or bonding to the interior surface of the panel is required, upon request, Fiber-Tech will eliminate the use of the clear film. A white pigmented polyester resin will be the final interior finish and will contain porosity on the surface.

Optional – Gel Coat. Where additional protection against moisture penetration is desired, Fiber-Tech will add 15 mils ($\pm .003$ "") of high gloss gel coat to the interior surface on special orders.

CLAD TUFF® Specifications

Dimensional Stability

All Fiber-Tech panels utilizing plywood cores are subject to minimal shrinkage and/or expansion when exposed to moisture or high temperatures.

Size Limitations

Standard panels are available in sizes up to 120" wide x 58' long.

Manufacturing Tolerances

Width $\pm 1/8$ "	Length $\pm 1/8$ "
Straightness $\pm 1/8$ "	Squareness $\pm 1/4$ "
(Adjacent corners)	(Diagonal corners)

Edge Treatment

An optional edge coating can be applied to each panel prior to shipment to protect panels in transit, or during temporary storage.

Interior Scuff

Fiber-Tech offers a molded-in scuff plate, one or two additional layers of glass, to give extra protection against mechanical damage. The option of a bonded FRP scuff is also available.

Warranty:

Fiber-Tech offers a one (1) year Clad Tuff limited warranty. See warranty document for details.

Panel Weights

Plywood Core	17 oz. Glass	22 oz. Glass
3/8" (11/32)	1.8 lbs.	1.9 lbs.
1/2" (15/32)	2.2 lbs.	2.3 lbs.
5/8" (19/32)	2.4 lbs.	2.5 lbs.
3/4" (23/32)	2.8 lbs.	2.9 lbs.
1" (15/16)	3.4 lbs.	3.5 lbs.
1-1/4" (1-3/16)	4.8 lbs.	4.9 lbs.

Average weight per square foot (For each additional layer of molded in glass reinforcement add 0.3 pounds per square foot)

Thickness Ranges

17 oz. Glass	22 oz. Glass
.385 to .445	.395 to .455"
.510 to .575	.520 to .580"
.635 to .695	.645 to .705"
.760 to .820	.770 to .830"
.950 to 1.00	.960 to 1.09"
1.15 to 1.205	1.200 to 1.330"

(For each additional layer of molded in glass reinforcement add 0.030")

Specifications are subject to change without notice.

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