

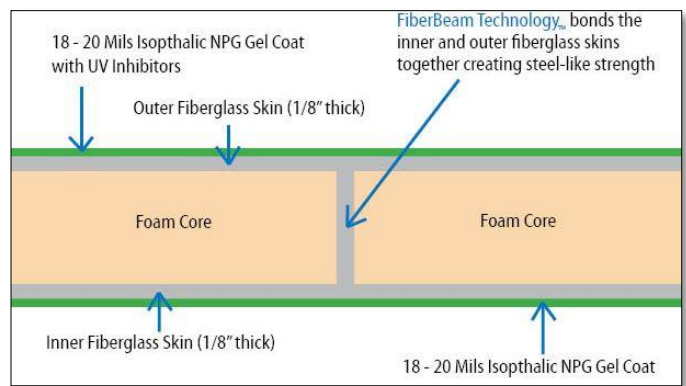


**25 Year
Warranty**

What is FiberBeam™ Technology, And Why Is It So Important?

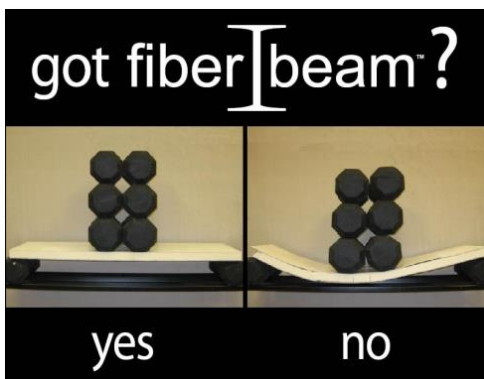
Fiberglass buildings with a foam core have a common weakness- the foam. It is not a good structural material and should not be relied upon to hold together the real structural materials- the fiberglass skins.

We developed FiberBeam™ Technology to make sure that we were not relying on low density foam to act as a structural member of the composites that make up our walls, roofs and doors.



There are several manufacturers of FRP (fiberglass reinforced plastic, A/K/A fiberglass) buildings that you might think are all roughly similar in construction- rigid sheets of low density foam laminated between two layers of fiberglass, known as a stressed skin sandwich panel. It has been done like this since the early days of FRP and it makes for a nicely insulated structure. Even Shelter Works used this technique early in its history, until we began experiencing some delamination that we had to fix under warranty. Something had to be done to solve the problem systemically.

We reasoned that no matter how well you bond foam to FRP the bond is only as good as the molecular strength of the weaker of the two materials - the foam. And frankly the foam is not a good structural material and should not be relied upon to ensure the integrity of the building.



FiberBeams are essentially fiberglass studs, spaced not more than 12” apart, that are integrated into all of our walls, roofs and doors which serve the function of providing a solid, structural connection between the inner and outer fiberglass skins of our buildings. They are not additional pieces, but rather are integrally formed during the lamination process resulting in a composite panel that can never come apart, or “delaminate”.



FiberBeam™ Technology is Structural Peace of Mind

Our customers know they need strength, and they love the longevity provided by fiberglass...But many have experienced the frustration of other manufacturer's products delaminating or not holding up to the strength requirements they really need. That's why they have turned to us...because really, FiberBeam™ Technology is long-term structural peace of mind.

**Need a creative solution
for your field equipment
protection needs?**

Give us a call at 800-794-8037

