



## WHY A SHELTER WORKS FIBERGLASS SHELTER IS BETTER

### MAINTENANCE FREE:

One of the most obvious advantages of fiberglass is the maintenance-free nature of the material. A molded fiberglass shelter will last for decades exposed to the harshest elements without noticeable deterioration. The gel coat may fade a little over time, but underneath the gel coat, the fiberglass reinforced polymer composite, or FRP, will remain as strong as the day it was delivered.

### LOW COST OF OWNERSHIP:

Because you don't have to paint it, repair it, replace it or fuss with it, there is no costly maintenance. The shelter pays for itself many times over during its long, useful life.

### EASY TO INSTALL:

It's easy as 1 - 2 - 3. Installation is a breeze because our fiberglass shelters come fully assembled and ready to set in place. The shelter shows up on a truck at the scheduled time and can be put into service the same day using common construction equipment and minimal man power. No need to coordinate multiple subcontractors and deal with weather related delays to get a shelter built on site. This reduces completion time and lowers the overall costs of your construction project. You get exactly what you want when you need it.



### ENERGY EFFICIENT:

Fiberglass shelters with an encapsulated foam core are more energy efficient. Shelter Works' unique manufacturing process creates continuous insulation throughout the walls, roof and doors, with no thermal bridges. There are no metal or wood structural members to transfer extreme outside temperatures into the shelter. Because the rigid foam insulation is encapsulated between two layers of solid fiberglass, it is protected from damage and it retains its insulating properties for the life of the shelter. Some customers claim that to keep a good size shelter warm, all you need is a small heater or even an incandescent light bulb.

### PERFORMS IN ANY ENVIRONMENT:

The durability of a Shelter Works shelter remains unchanged, even in extreme temperatures, hurricane winds, Alaskan snow loads, coastal and Arctic climates and corrosive environments.

### CUSTOMIZABLE:

Get EXACTLY what you need for your project. Every shelter is engineered to meet the exact requirements of the application. Below is a short list of the options available from Shelter Works.



## WHY A GEL COAT IS BETTER



### GEL COAT:

Shelter Works uses the same types of gel coats used to produce today's advanced marine craft, transportation equipment and aircraft. The gel coat is the outer layer of the composite that protects the rest of the structure from moisture, chemicals and UV damage. The materials have been formulated and tested for use in the harshest conditions.

Shelter Works' gel coats provide three basic benefits:

- A protective barrier.
- A life long aesthetic appeal.
- Long lasting, maintenance-free performance.

Our gel coats are unlike the paint or powder-coatings that are applied to the surface of other enclosures. These types of coatings adhere to the building's surface for a while, but over time they will peel, crack, chip and fade. Our gel coats are not painted to the exterior, they are molecularly bonded to the underlying fiberglass, becoming a part of the composite. This eliminates any peeling, cracking or chipping.

On wood or steel structures, either a paint or powder-coating is applied to the surface and provides a protective coating. This coating "sticks" to the surface for a while, but over time it will lose its ability to adhere to the surface and it will peel, crack, chip and/or fade.

Some types of metal buildings form heavy duty panels for a self framing design that is painted after fabrication with either liquid or powder paint. Using this method, a successful finish is highly dependent on metal preparation for proper adhesion and uniform coverage to provide a barrier to corrosion.

All paints have inherent issues with adhesion and corrosion requiring routine maintenance or complete refinishing every 5-10 years. A painted surface is not as reliable as our gel coat technology, as it is susceptible to the effects from atmosphere, dents, scratches, etc.



Before



traditional cleaner

MEK

### GRAFFITI-FREE EASY CLEANING:

Shelter Works polymer gel coats are resistant to graffiti and make clean-up easy. We recommend using a solution called Methyl Ethyl Ketone (or MEK) to easily remove spray paint from the walls of our shelters. MEK will effectively remove the paint without any negative effect to the gel coat.