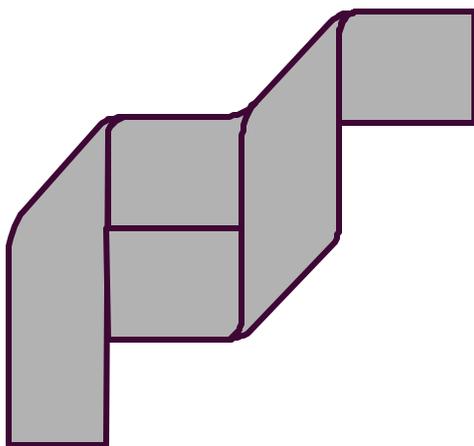


Understanding Fiberglass Steeples



Custom Steeple by FSI for First United Methodist Church —Plano, TX

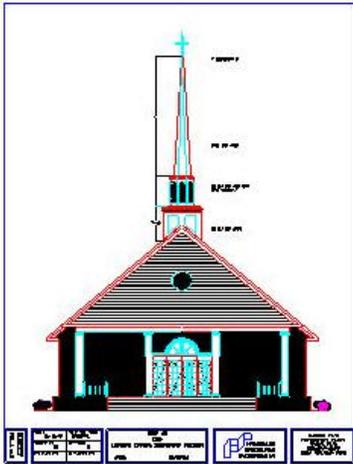
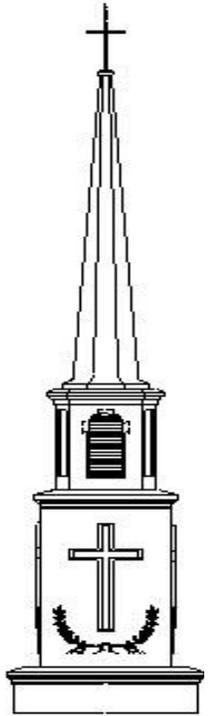


Fiberglass Specialties, Inc
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Design + Performance + Quality + Maintenance Features + Ease of Installation = Value for Dollar Spent

Design + Performance

Fiberglass Specialties, Inc is the innovator of today's most popular designs. Every product has a design purpose, an architectural relationship to a building's design. Last year we introduced three new steeple styles, the only company to introduce any new steeple designs. Each design expands our offering to meet the needs of past, present, and evolving architectural concepts. Fiberglass Specialties, Inc has an AIA (American Institute of Architects) registered architect on staff to continually update our products and assist customers with design questions.



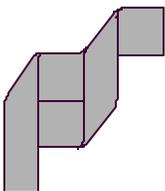
Free Design Service

FSI offers a free design service to assist customers with their steeple selection. Simply provide a picture of the church and some approximate measurements (like height and width) and our design engineers will create a CAD drawing for you review. You can even request that our architect make a selection too!

Detail Work

FSI products have more detailing than other offerings. The additional detailing adds significantly to the mold making costs as well as the manufacturing time, but it is well worth the additional investment.

The additional detailing is visually apparent, even at the long viewing distances associated with steeple installations. The steeple looks richer and more elegant because of the additional design & workmanship.



FSI is full service fiberglass steeple manufacturer. Custom designs, modifications to standard products, custom colors, and unique finishes and textures are all available through our "Custom Solutions Group"

Quality— It's what you see (for a long, long time)

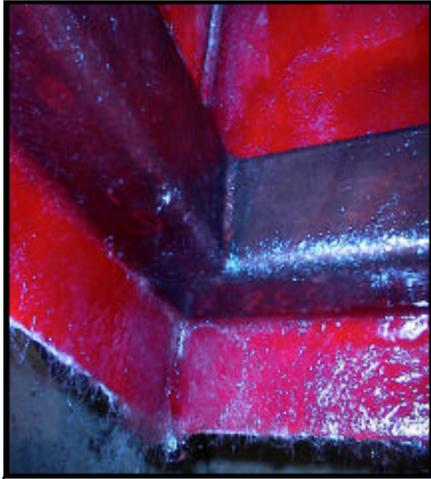
At FSI we want your steeple, spire, or cupola to look great for a long, long time. Gel Coat is the color coat and that's why we use the finest, most innovative gel coats available. Our gel coats are a full grade above "Marine Grade" used in the world's most expensive yachts. Simply put, the environment on top of your building is a lot tougher than even an ocean environment. Flying objects, sand and grit, stronger UV radiation, wind, and rain all come slamming into your steeple.



Protection—As deep as its beauty

We exclusively use *Armor Flex* gel coats, manufactured by Cook Composites, Inc., the world's largest maker of gel coat and composite materials. These gel coats are very low in styrene, so they won't yellow or color shift over time. Because the gel coat, resin, and glass are chemically bonded together the color surface will never rot or peel. The gel coat protection is much thicker and tougher than even powder coat painted steel or aluminum.

Quality—It's what you don't see (but have to live with for a long, long time)



All FSI welders are trained and hold welding certifications

FSI is the only fully engineered steeple

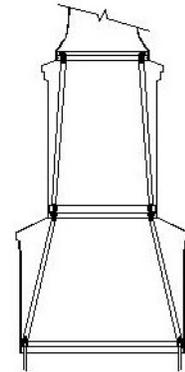
FSI is the only national steeple manufacturer that uses tubular steel in all its products. Others use lumber or angle iron to brace the unit and attach it to the roof. Most offer just wood strips glassed to the fiberglass skin! No lumber is used in any FSI product. FSI's tubular steel anchoring collar is encased in resin and glass adding an extra level of strength to the product. Termites and other insects will not effect it.

The independent third party engineering firm, which certifies our products, states that wind load capacities in excess of 80 MPH can only be achieved with a tubular steel anchoring collar.

All FSI steeples are certified for wind speeds up to 120 MPH.

Unitized Tubular Steel Framework

Larger units have a unitized tubular steel framework to support the fiberglass skin. Like the framework on your automobile, the framework in our steeple is designed to withstand extreme stress. The saying is that if you see a steeple that has blown off the roof, it is a competitor's unit. If you see a steeple that has blown off and the roof is still attached, it was manufactured by Fiberglass Specialties, Inc.



Glass and Resin

FSI only uses resin and glass manufactured in the United States. Competitive grade glass and imported glass contain high amounts of salt. The salt weakens the bond between the glass and the resin.

Resin is the bonding agent that "glues" the glass and gel coat together. It is the key component in the tensile strength, flexural strength, and the compressive strength of fiberglass. We only use 100% resin. Some competitors often use "fillers" or "odd lots" (left over resins that manufactures mix together and sell at a reduced price) as a way to reduce costs. These resins are weak and will crack or even break under stress.

Transfer Integrity

The quality measurement for a blend of gel coat, resin, and glass is **Transfer Integrity**. Competitive grade companies often seek the lowest prices for raw materials in the market place. Blending one gel coat with another brand of resin and a third brand of glass reduces the Transfer Integrity (quality) of the part. When other companies provide strength rating and other mechanical engineering calculations they are not accurate because the specific blend of materials has never actually been tested.



Certified Composite Technicians

The finest blends of materials means nothing if the production process does not meet the raw material suppliers requirements. Key FSI personnel are trained and certified by the *American Composite Manufacturers Association* to be **Certified Fiberglass Technicians**. Their training and experience assure our customers will receive the finest product available in the marketplace.



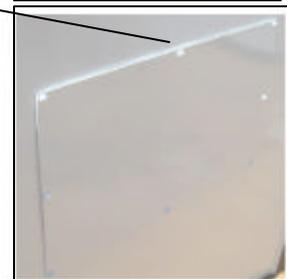
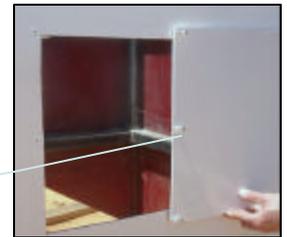
20 year old steeple, recently maintained

Maintenance

Our steeples are designed to be virtually maintenance free. Of course, you'll want to have the installer check connections sometime after installation to make sure everything is still tight. The gel coat requires no maintenance, but like an automobile that sits outside all the time, you may wish to occasionally power wash it. We'll be happy to provide additional suggestions to keep your unit looking factory fresh.

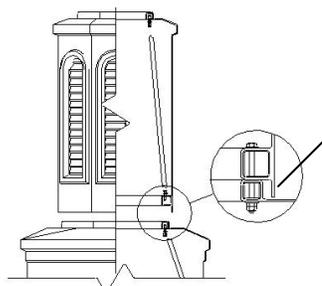
All FSI steeples come with oversized "access cover" panels. This oversized design helps prevent moisture from entering the interior of the panel.

All panels are secured with stainless steel screws & beauty caps. These are an exclusive from FSI.



Installation Features

FSI steeples are engineered to set on either the tubular steel base or on the edges of the fiberglass itself. This makes them easy to install, even on metal roofs! The steel anchoring base is pre-drilled at the factory. If your steeple is comprised of several components, the "collar to collar" fit is also pre-drilled.



FSI's exclusive "over hanging lip" detail assures a **finished appearance**.

Greatest Value for Dollar Spent

Selecting a steeple can be a daunting task. We hope that by dividing up the decision into comparison components the decision making process will be easier. We believe when all things are considered, Fiberglass Specialties, Inc offers the very best steeple for your dollar.

Design:

1. Every design offered has an architectural purpose, a visual link to the design of your building.
2. FSI is constantly offering new designs to reflect changing architectural trends.
3. Free design service— Compare before you buy.
4. Extra detail work in FSI products create a richer, more elegant look to the steeple.
5. FSI detailing is deeper and more pronounced. This is vitally important because of the viewing distance.

Quality on the Outside:

1. FSI uses the finest gel coats available in the market. Using only gel coats with low styrene content assures a stable color and less harm to the environment during manufacturing.
2. Gel coat chemically bonds to the resin and glass. It can not peel or flake off like painted metals.
3. Gel Coat is thicker, stronger, and more resistant to impact than painted metals.

Quality on the Inside:

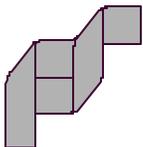
1. FSI is the only national manufacturer than uses tubular steel in all its products. No lumber products are used in any FSI steeple.
2. All FSI steeples have been certified by an independent third party engineering firm to withstand wind speeds of 120 MPH. Others claim to meet this wind speed criteria, but have not had their product line certified.
3. All glass, resin, and gel coats used in FSI products are made in the United States of America.
4. Our products have the highest degree of Transfer Integrity, the measurement of quality in fiberglass parts.
5. Key FSI personnel have been certified by the American Composite Manufacturers Association as Certified Fiberglass Technicians.

Maintenance FSI steeples are virtually maintenance free.

Installation Features: All FSI products are pre-fit at the factory to assure an easy installation.

Value for Dollar Spent The final purchase decision is driven by getting the most for however many dollars you have to spend. Steeples have to perform in an outdoor environment for decades, so the lowest price may not be the best buy. FSI offer its customers products that simply will look better and last longer than any other offering.

Fiberglass Specialties, Inc is a 40 year old company. We manufactured our first baptismal pool in 1963 and our first steeple in 1971. Most steeples offered by other companies are copies of designs and manufacturing techniques pioneered by Fiberglass Specialties, Inc. Our experiences has led us to discover new materials and innovative manufacturing techniques that today make us the undisputed leader in the fiberglass steeple market.



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