

Architectural Products

Beginning in 1959, AFE pioneered the development of fiberglass steeples. AFE's architectural products have been installed in all fifty states and overseas. They have successfully weathered the extremes of Alaska's winters, Arizona's summers and the fury of coastal hurricanes. AFE has been the choice of architects throughout the nation for engineered fiberglass products:



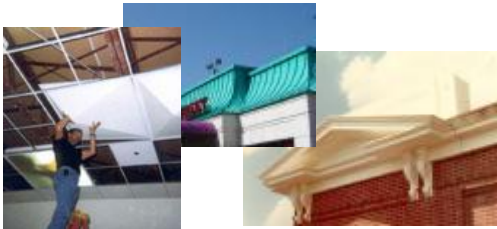
- Steeples , Dormers, Facades
- Interior and Exterior Domes
- Column Covers
- Decorative Ornaments
- Sound diffuser panels

Since 1959, Associated Fiberglass Enterprises has been manufacturing

customized fiberglass products for various applications and customers. AFE uses various methods of fabrication to process fiberglass reinforced polyester, vinyl ester, fire-retardant and corrosion resistant resins.



AFE offers a complete package of services including design, engineering, pattern work, mold making, fabrication, assembly and shipping to serve you.



Specialty Products

With nearly 50 years experience, AFE can translate your ideas into reality. A full range of services from concept to completion is available:

- Design and Engineering
- Pattern Making
- Mold Making
- Fabrication
- Assembly



AFE Associated Fiberglass Enterprises

Mailing:	Physical:	817-838-6786/800-798-6561
P.O. Box 14335	2417 Weaver St.	817-838-6789 FAX
Fort Worth, TX	Fort Worth, TX	sales@afetexas.com
76117	76117	www.afetexas.com

- Shelter Buildings • Tanks
- Manholes • Wet-wells
- Specialty Products
- Facades • Column Covers
- Pressure Vessels for Scrubbers, De-chlorinators, etc.
- Pipe & Duct Work
- Equipment Covers
- Custom Fabrication
- Dormers • Interior and Exterior Domes • Fiberglass Field Repair • Rehabilitation
- Manhole Liners • Lift-stations • Architectural Products • Routing Chutes
- Water Park Slides
- Specialty Marketing Components for Structures and Billboards • Sound Diffuser Panels • Mold Making • Chemical Storage

Associated Fiberglass Enterprises



Shelters



AFE's one-piece fiberglass shelters provide a lightweight, corrosion-resistant, insulated building which is easy to install and virtually maintenance free. The exterior and interior surfaces are covered with polyester gel coat which eliminates the need for painting. A gasketed door prevents leakage.

Built-in lifting eyes make these units simple to lift into place.

The shelters are insulated with one-inch isocyanurate foam in the walls, roof and door. The fiberglass-laminated encapsulated foam has an R-value greater than 6. Standard sizes range from 2'-4" long x 4'-6" wide to 8'-0" long x 12'-0" wide. Extended lengths are available. AFE shelters have



pre-wired corrosion-resistant fixtures.

Standard equipment includes:

- a fan (intake or exhaust) vent,
- electrical panel, duplex outlets,
- vapor-tight lamp,
- stainless steel hardware, and
- equipment mounting provisions.



Options include:

- a window in the door,
- heater, panic bar,
- fire-retardant construction and partitions.

Tanks

AFE fabricates atmospheric pressure tanks for corrosive and non-corrosive applications, using the highly efficient hoop winding system, to ASTM D3299 standards.



Most conventional configurations are available:

- Vertical Cylindrical Sidewalls
- Domed, Flat or Open Tops
- Flat, Dished or Cone Bottoms
- Horizontal, Domed Ends on Saddles
- Rectangular, Flat Bottoms, Open or Covered Tops



MANHOLES and MANHOLE REHABILITATION LINERS



Associated Fiberglass Enterprises (AFE) manholes are built to ASTM D3753 Glass-Fiber-Reinforced Polyester Manhole specifications using the highly effective Chop-Hoop winding system that affords lowest cost while

maintaining the structural integrity of the manhole. Standard sizes are 48" diameter and 42" diameter (up to 8'), and lengths up to 24' (longer lengths are available). Consider the AFE differences:

- Superior strength and stiffness. AFE's manholes are fabricated using continuous filament reinforcement for maximum hoop strength and stiffness against backfill and ground water loads.
- Superior impact resistance. AFE uses no fillers (sand, etc.) in its manholes that would make them brittle and subject to handling damage.



- Lightweight. Due to the structural efficiencies, AFE is able to achieve the required stiffness to meet the criteria of the ASTM D3753 Fiberglass Manhole specifications for H-2O Highway Loadings with laminates weighing as little as 34

pounds per foot. This winding method is the same as used to make our chemical tanks, which must meet the rigid requirements of ASTM D3299.



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