

CorrosionComposites by Monoxivent®

CORROSION COMPOSITES FRP

► Overview:

Corrosion Composites by Monoxivent is a source for corrosion resistant Fiberglass Fabrication Services.

Fiberglass laminated composites are light weight, high strength, non conductive, and corrosion resistant. Monoxivent assists with design, engineering, drawing, manufacturing, inspection, and installation. Monoxivent brings together years of fiberglass experience and manufacturing expertise. For many industrial, water, and wastewater applications where corrosion is a problem, fiberglass is the material of choice.

Typical products are: prefabricated duct, stacks, roof curb covers, hoods, pans, scrubbers, ladders, platforms, tanks, covers, and domes.

► Products:

For Industry, Water and Wastewater, Infrastructure:

- Duct
- Stacks
- Tanks
- Scrubbers
- Flumes
- Hoods
- Dampers
- Manholes
- Troughs
- Tank Covers
- Stack Liners
- Baffles
- Weirs
- Trenchs
- Ladders
- Platforms
- Pressure Vessels
- And More!



Odor control duct systems for water treatment



Pressure vessels



Tank covers, designed for snow and live loads





► **Durability:**

Monoxivent's Corrosion Composites provide excellent resistance to corrosion and offer very long service life. Laminates are designed for wind, seismic, snow, pressure, vacuum, and temperature.

► **Standards:**

Monoxivent's Corrosion Composites adhere to ASTM, SMACNA, and other industry standards.

► **Experienced Team:**

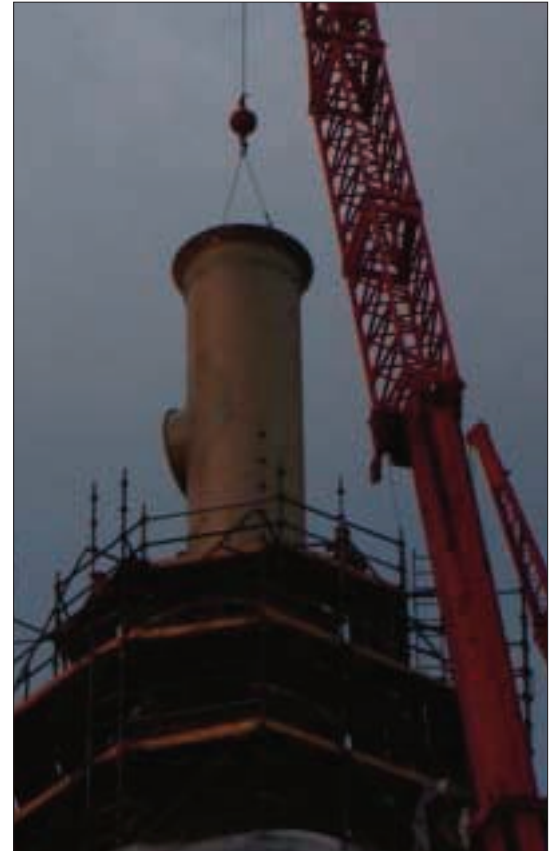
Monoxivent's design team includes engineering, layout, and custom solutions. This coupled with a manufacturing source featuring over 40 years of experience, a 70,000-sq. foot facility, and state of the art equipment makes Corrosion Composites an excellent source for FRP products.

► **Versatility:**

Monoxivent offers a wide-range of products, including: Duct, Stacks, Tanks, Scrubber, Flumes, Hoods, Dampers, Manholes, Troughs, Tank Covers, Stack Lines, Baffles, Weirs, Trenches, Ladders, Platforms, Pressure Vessels, and more!



Prefabricated corrosion resistant duct system for water plant chlorine room



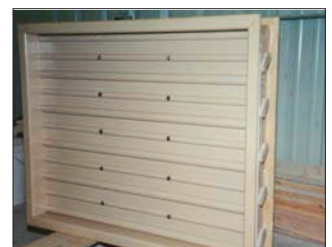
Stack liner, 6' diameter x 40' section of 200' stack



underground storage tank



Storage tank



Dampers, all types



► **F-J Overview:**

Monoxivent offers a complete line of fittings to complete your FRP system. The high-quality fittings are designed and manufactured to the highest standards. Field joints within the corrosion resistant product line are made using the wet lay-up method using a glass, resin wrap (see below).

Fittings



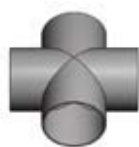
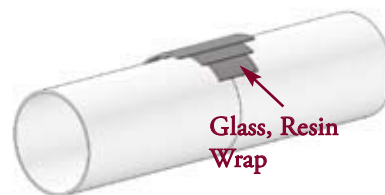
Elbow, 90°

Elbow, 45°

Concentric Reducer

90° Tee

Wet Joint



Cross



Eccentric Reducer



Lateral



Square to Round



Y Piece



Corrosion Composites by Monoxivent offers a full line of corrosion resistant fiberglass products. The products are designed and fabricated in accordance with industry standards providing the end user with dependable quality solutions, and the right material of choice for a given application. Monoxivent's manufacturing source provides over 70,000-sq. feet of production space, modern equipment, and over 25 years of experience within the FRP industry.

ASTM and SMACNA standards are the benchmark for fabrication, including:

ASTM (American Society of Testing and Materials):

www.astm.org

ASTM D3299, Standard Specification for Filament-Wound Glass-Fiber-Reinforced Thermoset Resin Corrosion-Resistant Tanks

ASTM D3982, Standard Specification for Contact Molded "Fiberglass" (Glass Fiber Reinforced Thermosetting Resin) Ducts

ASTM D4097, Standard Specification for Contact-Molded Glass-Fiber-Reinforced Thermoset Resin Corrosion-Resistant Tanks

ASTM D6041, Standard Specification for Contact-Molded "Fiberglass" (Glass-Fiber-Reinforced Thermosetting Resin) Corrosion Resistant Pipe and Fittings

ASTM C582, Standard Specification for Contact-Molded Reinforced Thermosetting Plastic (RTP) Laminates for Corrosion-Resistant Equipment

SMACNA (Sheet Metal and Air Conditioning Contractors' National Association):

www.smacna.org

SMACNA, Thermoset FRP Duct Construction Manual