CRANE Composites

Fiberglass Reinforced Plastic COMPOSITE PANELS

Durability & Dependability Inside and out
Crane Composites Inc., a subsidiary of Crane Co. (NYSE:CR), is the world’s leading provider of fiber-reinforced composite panels.

We combine our expertise in composite material science, process and technology with a deep understanding of customer needs to deliver innovative products that outperform traditional metals and woods. Our lightweight composite products deliver unsurpassed strength and durability. Since 1954, we have continued to pioneer numerous patented technologies for industrial and commercial product applications. We’ve built a proven reputation for industry leadership by partnering with customers and suppliers to deliver advanced, industry-leading solutions.

Our products and our team reflect our mission statement: We are a performance driven organization committed to global leadership and the production of high quality composite materials. And we are committed to profitable growth that benefits our employees and stakeholders by adhering to our high standards of Operational Excellence and our Crane Values. Customers benefit not only from the outstanding performance characteristics of our products; they also realize value from our extensive product support program available at facilities worldwide. Globally, our expert product teams are focused on the needs of customers to provide unparalleled service and expertise.

**Manufactured in the USA**

Crane Composites, Inc. certifies that FRP panels sold under the names Kemlite, Glasbord, DESIGNS, Varietex, Sequentia, Filon, Noble, and ArmorTuf are domestic end products, manufactured or produced in the United States.
parent company
CRANE CO. OVERVIEW

what is frp
FIBERGLASS REINFORCED PLASTIC

our market
SERVICING INDUSTRIES FROM ROADS TO WALLS

our products
STYLE AND DURABLE PANEL SOLUTIONS

capability and innovations
MANUFACTURING CapABILITIES AND

company history
ACQUISITIONS AND SALES History

customer support
TECHNICAL SUPPORT AND CUSTOMER SERVICE

commitments
ENVIRONMENTAL AND SAFETY COMMITMENTS
Crane Co. is a diversified manufacturer of highly engineered industrial products with a substantial presence in a number of focused niche markets. With approximately 11,000 employees working together across 26 countries, Crane generated 2018 net sales of $3.35 billion. We are dedicated to integrity and honest dealings in all that we do.

Our Values
Our founder, R.T. Crane, wrote and spoke extensively about the importance of business ethics and values, the confidence and goodwill they engender among employees and customers, and the competitive advantage that can be obtained by taking the high road. Today, his words continue to drive our business philosophy and serve as a benchmark by which we measure performance.

Financial Strength
Crane has a strong financial position, giving it the capacity to continue strategic acquisitions.

Global Reach
Worldwide operations in over 150 locations across 26 countries grow shareholder value with top people and products, customer focus, and a common Crane Business System throughout the Company.

Leadership
Our businesses have leading market shares in focused niche markets and seek to produce high returns and excess cash flow.

R.T. Crane Resolution
“I am resolved to conduct my business in the strictest honesty and fairness; to avoid all deception and trickery; to deal fairly with both customers and competitors; to be liberal and just toward employees and to put my whole mind upon the business.”

JULY 4TH, 1855
Fluid Handling
is a global provider of industrial fluid control products and systems, including valves, pumps, lined pipe and instrumentation. The segment is an important engine for profitable growth and is well-positioned to participate in growth from a variety of attractive end markets.

Payment & Merchandising Technologies
is one of the world’s largest manufacturers of coin, bill and electronic payment solutions; vending equipment; cashless processing; vending management software and wireless communications technology.

Aerospace and Electronics
segment is a trusted industry leader providing reliable, high-precision technologies that drive innovative solutions for our customers, enabling their performance across major aviation and space markets. Crane Aerospace & Electronics delivers proven systems, reliable components, and flexible solutions that excel in tough environments.

Engineered Materials
Crane Composites is the leading provider of fiberglass reinforced plastic (FRP) panels. Since 1954, Crane has continued to pioneer numerous patented technologies for industrial and commercial product applications and have built a proven reputation for industry leadership by partnering with customers and suppliers to deliver advanced, industry-leading solutions.
FRP, fiberglass reinforced plastic, is a composite made from fiberglass reinforcement in a plastic matrix. Selecting the type and configuration of the reinforcement allows a wide variety of physical strengths and mechanical properties to be designed into the FRP composite. Choosing the type of plastic and additives within the matrix can optimize properties such as UV resistance, cleanability and durability. These options allow for a wide range of mechanical, chemical and physical properties to be obtained. As an engineered material, FRP composites can be designed and produced to achieve specific performance goals with minimal waste, often reducing weight and cost compared to traditional materials like woods, metals or ceramics.
our locations
MANUFACTURING SITES & RESEARCH & DEVELOPMENT CENTER

key
Building Products
RVs
Transportation
R&D Center

Channahon
ILLINOIS

BOLINGBROOK
ILLINOIS

Goshen
INDIANA

Florence
KENTUCKY

Jonesboro
ARKANSAS

locations
and services
7
Crane Composites is the world’s leading producer of fiberglass products for the RV industry. Crane Composites exterior gel-coated and interior surfaces have a well-earned reputation for combining high performance with high style. FRP panels offer unmatched durability and long-lasting beauty.
Crane Composites wall and ceiling panels are widely used in the construction and building materials industries. These panels offer a number of significant features including resistance to mold, mildew, and bacteria growth, high impact strength, high moisture resistance, chemical resistance, stain resistance, sanitary finish, low maintenance, and easy installation.
Crane Composites has led the transportation market with innovative solutions. It was the first to introduce FRP liners to the truck trailer market, full seamless lightweight liners, translucent roofs, and liners with integral scuff. Crane Composites offers superior support with products readily available in the aftermarket channels to serve the market.
our products
BEHIND THE SCENES | FRONT OF THOUGHT

CRANE Composites
FIBERGLASS REINFORCED PLASTIC COMPOSITE PANELS

CRANE GOLD
EXTERIOR COILABLE HIGH GLOSS PANELS FOR RVs

DESIGNS
WALL PANELS WITH PERFORMANCE, TEXTURE AND STYLE

GLASBORD®
SANITARY AND DURABLE WALL AND CEILING PANELS

ARMORTUF®
ROBUST LINERS FOR TRAILERS, TRUCK BODIES, CONTAINERS AND TANKS

NOBLE®
EXTERIOR SIDEWALL PREMIUM FINISH FOR RVs

FILON®
EXTERIOR AND INTERIOR HIGH GLOSS PANELS FOR RVs

KEMLITE®
LINERS AND ROOFS FOR TRAILERS AND TRUCK BODIES

SEQUENTIA®
TRADITIONAL WALL, CEILING AND CORRUGATED PANELS
Manufacturing Capabilities
- Widths up to 110" and lengths up to 700'
- Thicknesses range from 0.04" to 0.235"
- Innovative textures, patterns and colors
- Variety of resin formulations & reinforcement options
- UV Stabilizers for improved weathering
- Ability to customize corrugated profiles
- Exterior premium gel coat finishes
- FRP sheet and sandwich panels

Innovations Timeline

- Narrow Line Continuous Process FRP Panels
- Translucent Roof
- Wide Panel Capability
- Light-Weight Technology
- Movable Mold Technology
- Composite Walls
- Integral Scuff Products
- High Strength Woven Products
- Enhanced Film Process
- Aerodynamic Side Skirts
- Expand Decorative Product Line
- Cleanroom Wall System
- Varietex Product Line
- Crane Gold
- Designs Product Line
As the pioneer in FRP panels, Kemlite was established in 1954, and Crane Co. acquired the company in 1985. The Kemlite name was changed to Crane Composites in 2008 to reflect the company’s ongoing new product innovations.

During our years as Kemlite, we grew steadily, acquiring the Filon manufacturing facility in Jonesboro, AR, in 1993 and Sequentia, Inc. in 1998. In 2001, we extended our manufacturing operations to the United Kingdom by acquiring Lampro, Britain’s leading FRP manufacturer. In 2002, we acquired another FRP manufacturer, Lasco Composites LP in Florence, KY. Our presence in the Recreational Vehicle market was extended through the acquisitions in Goshen, IN of Noble Composites in 2006 and Fabwel’s composite panel business in 2007.
Our Customer Support teams are inspired by one common objective: to help our customers succeed. Customers inspire our trained staff of experts to deliver timely, practical and innovative solutions that help them grow their business. From product information and service, to testing and technical support, all our products are backed with the resources you need, when you need them.

TECHNICAL SUPPORT

Our comprehensive in-house test labs includes a wide range of mechanical and chemical test capability, so we can continuously evaluate products. Our technical support team is constantly enhancing the performance of our products by integrating the knowledge we gain from listening to customers and by rigorously testing our materials. Whether you are looking for the latest product physical properties, fire rating test results, other external test reports or safety data sheets, you can find the information you need in our online Resource Center.

CUSTOMER SERVICE

Our commitment to customers extends beyond our legacy of providing of high-quality, proven products. We believe that ongoing communications and finding solutions to customer needs are just as critical to their success. Our all-inclusive Resource Center includes product brochures, technical data sheets, installation and maintenance instructions and warranty information, available any time you need it. In addition, our online customer portal makes it quick and easy to check order status 24 hours a day.

Located worldwide, our District Sales Managers are experts in specific Crane Composites markets and helping customers succeed with our products. They provide customers with the latest information on Crane products and capabilities, as well as industry insights, knowledge and best-practices.
our commitments
COMPANY IMPACT

We are continually exploring ways to become more efficient consumers of energy. Conservation in our facilities ranges from implementing measures that manage our energy consumption to replacing inefficient units or systems.

WASTE REDUCTION
Crane Composites is committed to reducing the amount of waste sent to the landfill. Through recycling programs with customers and vendors, most reusable packaging material and other production supplies is recycled. Through Crane Business System projects, Crane Composites has continuous improvement on eliminating waste and variability.

CONTROLLING EMISSIONS
Crane Composites manufacturing facilities contain state of the art Regenerative Thermal Oxidizers (RTOs) that are used to control emissions. All facilities are Environmental Protection Agency (EPA) compliant.

PRODUCT INNOVATIONS
Lighter weight products for transportation and recreational vehicles help reduce fuel consumption for our end-users. For example, FRP Aerodynamic Side Skirts are being used by long-haul trailers to improve fuel efficiency.

SAFETY COMMITMENTS
We are proud of our commitment to protect the health and safety of our employees, visitors, and vendors. Our objective is to create an injury-free workplace and this starts with our “Safety-First” culture in which we believe that “When Safety is First, Everyone Wins.” Crane Composites’ safety philosophy is “all accidents are PREVENTABLE, Safety is EVERYONE’S responsibility, and working safely is a CONDITION OF EMPLOYMENT.”

ENVIRONMENTAL CUSTOMER BENEFITS
As a global organization, we are committed to upholding the highest standards with respect to minimizing our global footprint through signature programs and certifications. As part of this commitment, Crane Composites attained the elite GREENGUARD certification, issued by UL Environment, for low Volatile Organic Compounds (VOC) emitting products. Crane Composites also adheres to USDA/FSIS regulations and ASTM D3273/D3274 which states that FRP does not support mold or mildew growth.
Crane Composites is the manufacturer of Glasbord, Filon, Sequentia, ArmorTuf and a variety of other fiberglass reinforced plastic (FRP) composite panels. Inspired by the Kemlite tradition, Crane Composites has over 60 years of industry experience and is a recognized industry leader in FRP applications.

ArmorTuf, Filon, Glasbord, Kemlite, Noble, Sequentia, Surfaseal are registered trademarks of Crane Composites, Inc.