

**CRANE**

Composites

DURABILITY + DEPENDABILITY  
**inside + out**

The Right Choice **FOR ALL THE RIGHT PLACES**



**frp** Fiberglass Reinforced Panels



# We are **Crane Composites**

## **frp specialists**

Crane Composites Inc., a subsidiary of Crane Company (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.

## **performance driven**

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.

there is more to **frp** than ever before

## **parent company**

CRANE Co. overview

## **what is frp**

fiberglass reinforced plastic

## **our markets**

service industries from roads to walls

## **our products**

styled and durable panel solutions

## **capabilities + innovations**

manufactured for our customer's needs

## **company history**

acquisitions and sales history

## **customer support**

technical support and customer services

## **commitments**

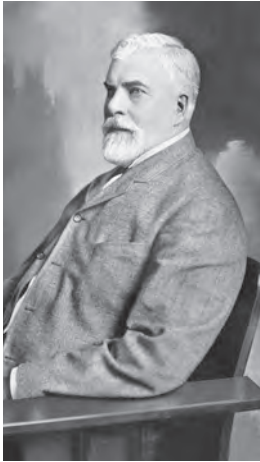
environmental and safety commitments

## PARENT COMPANY

Crane Company (NYSE:CR)

Crane Company operates three business segments, each of which designs and manufactures highly engineered industrial products. Our businesses are all known for proprietary and differentiated technology, quality and reliability, deep vertical expertise, and responsiveness to unique customer needs. At Crane, the concept of corporate citizenship—where companies take responsibility not only for profits but also for the impact of their activities on the many different stakeholders with which it interacts—is the foundation on which our company was built. Every leadership conference, every investor presentation and each new employee orientation session begins with a discussion of the ethics on which our Company was founded, including honesty and fairness in dealings with customers, employees and even competitors.

### 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."

*R.T. Crane*  
JULY 4TH, 1855



CR  
LISTED NYSE



20  
COUNTRIES



~7,000  
EMPLOYEES



55  
LOCATIONS



~\$2B  
2022 SALES



165+  
YEARS IN BUSINESS

### business segments



#### AEROSPACE & ELECTRONICS

Deliver high-precision technologies that drive innovative solutions for customers, enabling their performance across major aviation and space markets.



#### PROCESS FLOW TECHNOLOGIES

Solve tough challenges in many of the harshest and most hazardous environments with proprietary technology and highly engineered systems including valves, pumps, lined pipe, instrumentation and controls.



#### ENGINEERED MATERIALS

Crane Composites is the leading provider of fiberglass reinforced plastic (FRP). Since 1954, we have pioneered numerous patented technologies for industrial and commercial applications.

ABOUT US **Crane Composites**

world's leading provider



26  
COUNTRY SALES



500+  
EMPLOYEES



\$228M  
2022 SALES



65+  
YEARS MANUFACTURING



**TOGETHER WE ARE GREATER THAN THE SUM OF OUR PARTS**



## What is FRP Polyester Resin + Fiber Reinforcement



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.

### Benefits of FRP



**Durable**



**Mold Resistant**



**Light Weight**



**Moisture Resistant**



**Easy to Clean**



**Easy to Install**



**High Strength to  
Weight Ratio**



**Impact Resistant**

# OUR LOCATIONS

Manufacturing Sites + Research & Development Center



## key



Building Products



RVs



Transportation



R&D Center



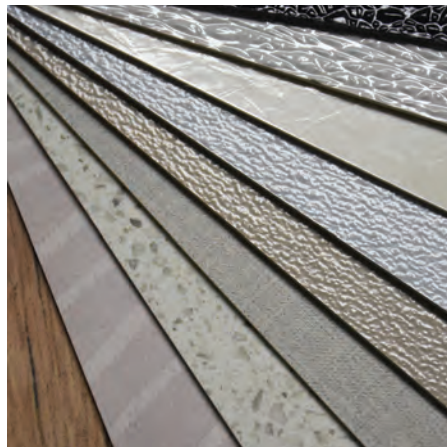
## OUR MARKETS **Building Products**

**durable + decorative wall panels**  
**daylighting + industrial panels**



### **build durable**

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.



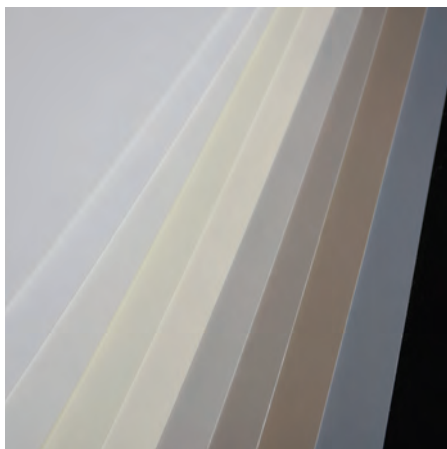


## OUR MARKETS **Recreational Vehicles**



### **play hard**

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.





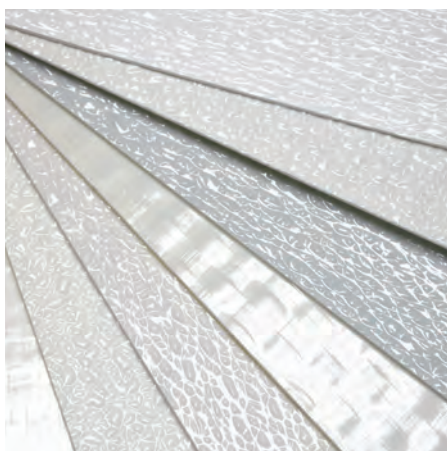
## OUR MARKETS **Transportation Products**

exterior + interior liner panels  
translucent roof panels  
aerodynamic side skirts



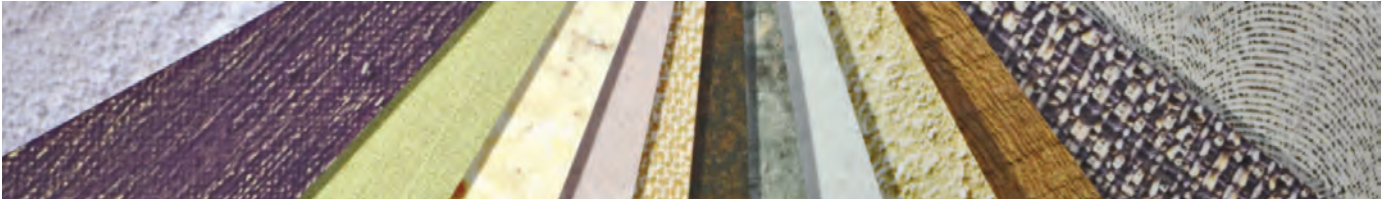
### **travel tough**

Crane Composites has led the transportation market with innovative solutions. It was the first to introduce FRP liners to the transportation market, full seamless lightweight liners and translucent roofs. Each transportation product has been engineered to provide the needed combination of durability, appearance, weight savings, and cleanability/sanitation for the targeted application.



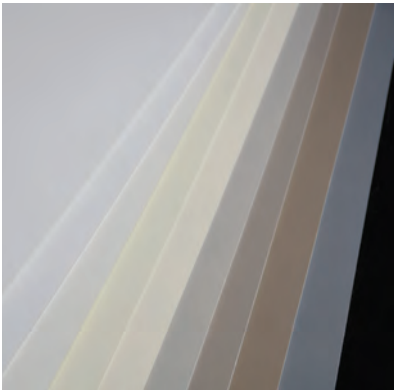


# OUR PRODUCTS



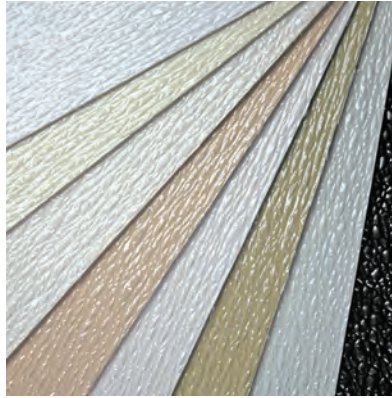
## DESIGNS

imaged panel with performance + style



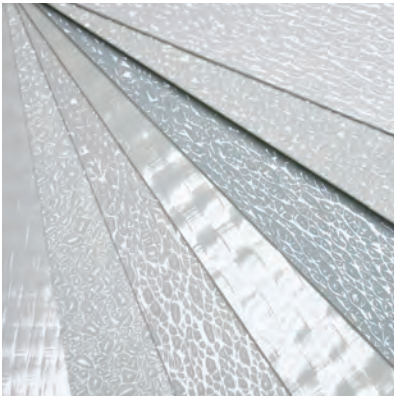
## FILON

exteriors + interior high gloss panels for rv's



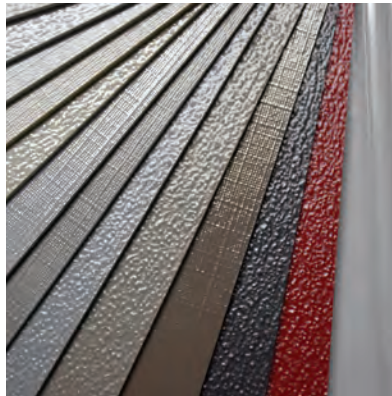
## GLASBORD

sanitary + durable wall + ceiling panels



## ARMORTUF

high strength liner for trailers + truck bodies



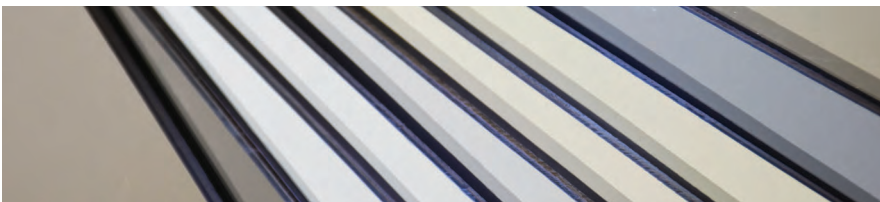
## VARIETEX

panels with performance textures + colors



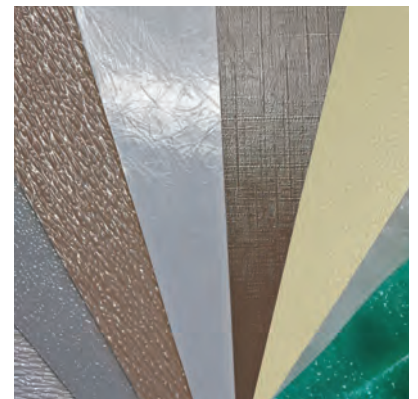
## KEMLITE

liners + roofs for trailers + truck bodies



## NOBLE

exterior sidewalls | premium finish for RVs



## SEQUENTIA

traditional wall, ceiling, + corrugated panels

## CAPABILITIES

Manufactured for Our Customer's Needs

### Manufacturing Capabilities



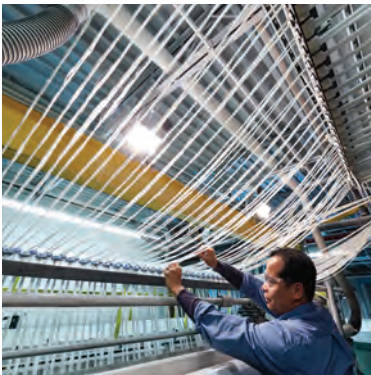
widths up to 112" +  
lengths up to 700'



thickness range from  
0.04" to 0.4"



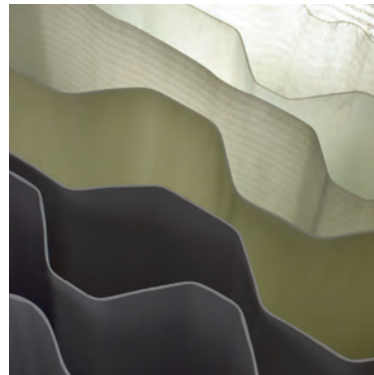
innovative textures,  
patterns + colors



variety of resin formulations  
+ reinforcement options



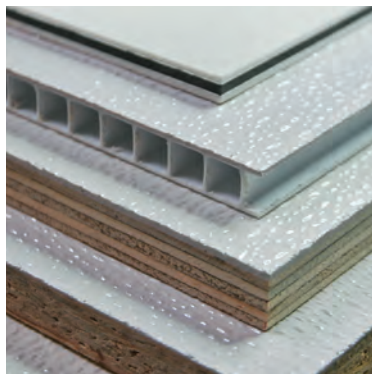
uv stabilizers for improved  
weathering



ability to customize  
corrugated profiles



exterior premium gel coat  
finishes



frp sheet and sandwich  
panels



# COMPANY HISTORY + INNOVATIONS

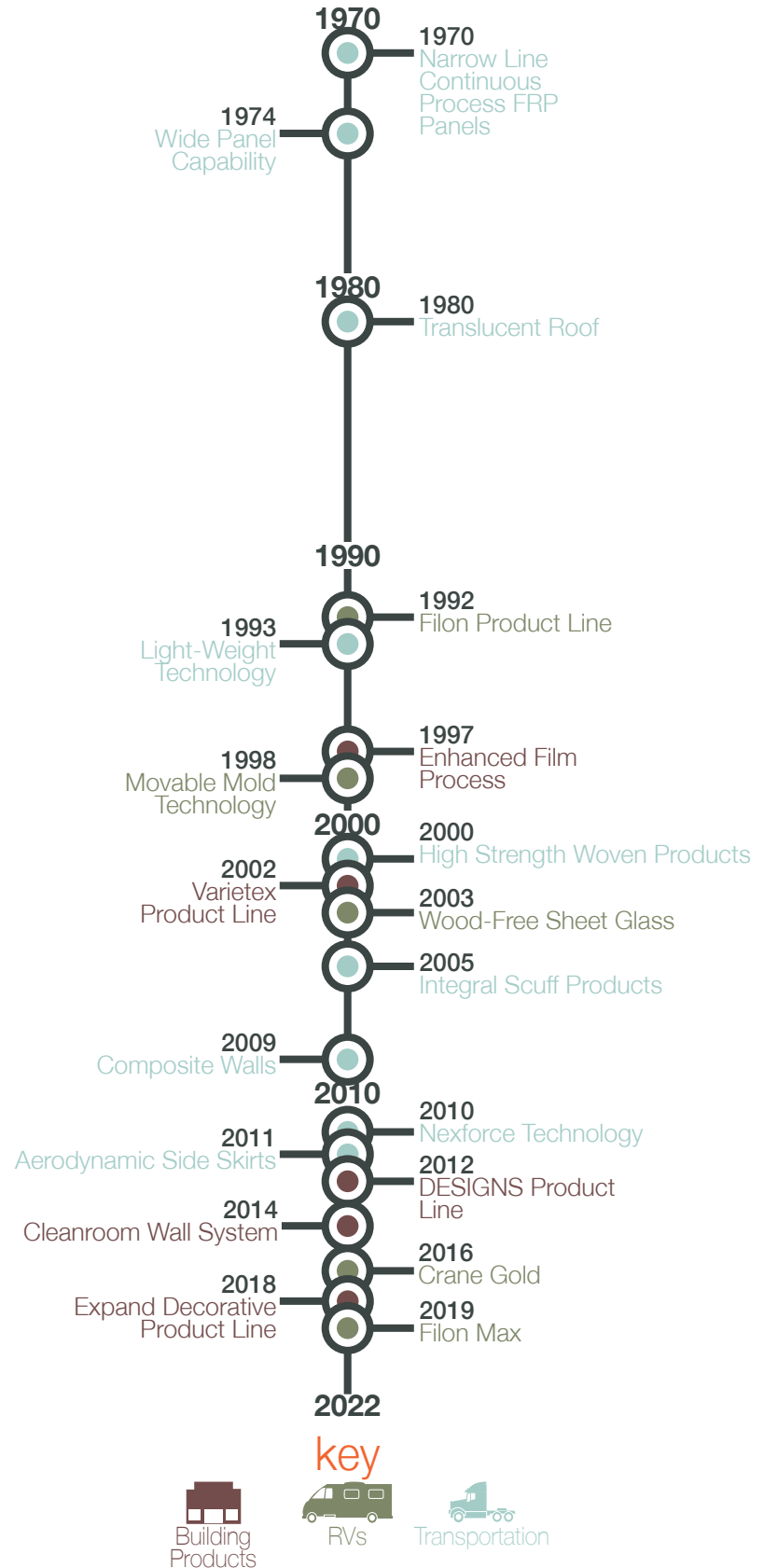
Over 65 Years of Industry Experience

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 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.

## innovation timeline



## CUSTOMER SUPPORT

Values + People Define Us... Customers Inspire Us

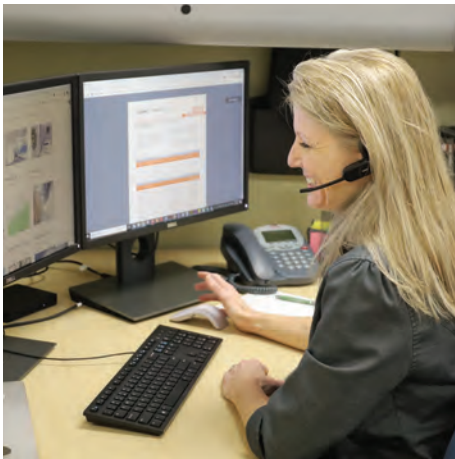


Our Customer Support teams are inspired by one common objective: to help our customers succeed. Customers inspire our trained staff of experts to deliver timely, practical and innovative solutions that help them grow their business. From product information and service, to testing and technical support, 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 on-line 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.

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.

### durability + dependability

Ensure Product Availability  
Short Lead Times  
Innovative Product Solutions  
In-house Testing Capabilities

High Manufacturing Quality Products  
Rigorous Testing  
Highly Knowledgeable Technical Team  
Market Focused Solutions



# CRANE COMMITMENTS

## Our Company Impact

We are continually exploring ways to become more efficient consumers of energy, support our industries, and give back to our communities.

### safety commitment

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 sustainability

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.

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.

### corporate foundation

The Crane Fund for Widows and Children and the Crane Foundation, Inc., make contributions to charitable organizations that provide direct assistance to under-served populations in the communities where Crane operates, and provide assistance for natural disaster relief organizations with a focus on regions where Crane has a presence. Recipients are selected by each of our businesses with a focus on organizations where our associates have a personal connection. These funds touch the lives of many through their donations supporting global relief agencies, food banks and homeless shelters, hospitals, family care centers, and many others that provide services for the welfare of those in need.

### volunteerism

Crane is committed to supporting the communities in which we live and work. As part of that commitment, throughout the Crane organization, many of our associates volunteer to provide "support in kind" by working on a wide variety of projects in their local communities to help those in need. Encouraging associate volunteerism both benefits our communities and is a positive way to promote associate engagement.



**fiberglass reinforced plastic**  
FRP COMPOSITE PANELS



**building products**



**rvs**



**transportation**



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