Fiberglass Reinforced Plastic (FRP) Panels
Crane Composites, a Crane Co. Company, is the leading manufacturer of Glasbord, Innovative Finishes and a variety of other fiberglass reinforced plastic (FRP) composite panels.

Inspired by the Kemlite tradition, Crane Composites has over 55 years of experience in building products and is a recognized industry leader in FRP applications.

**Where Tradition & Innovation Converge**
Service, quality and resources at Crane Composites allow our company to improve operations and products every day. The end result is quality FRP products your customers and projects demand, backed by the service and support you deserve.

**Manufactured in the USA**
Crane Composites certifies that fiberglass reinforced plastic panels sold under the names of Glasbord and Innovative Finishes are domestic end products, manufactured or produced in the United States. We also source most of our raw materials from domestic manufacturers.

**Manufacturing Plants**
The bulk of our building products are manufactured at facilities in **Channahon, Illinois**, and **Florence, Kentucky**. Crane Composites has additional products manufactured in Jonesboro, Arkansas and Goshen, Indiana.

**Our Parent Company | Crane Co. (NYSE:CR)**
Founded in 1855 by Richard Teller Crane, Crane Co. is composed of 26 businesses in four industry segments including: Fluid Handling, Merchandising Systems, Engineered Materials, Aerospace and Electronics. [www.craneco.com](http://www.craneco.com)

**Crane Composites Cares About the Environment**
- State of the art Regenerative Thermal Oxidizers (RTO) are utilized to eliminate the emission of VOC’s (Volatile Organic Compounds), making the manufacturing facilities Title V (air permit) Compliant
- Materials used in packaging are recyclable – plastics, wood, cardboard and aluminum pallets. Most plastic cores are returned from customers and reused
- Crane manufactures formaldehyde free products and formaldehyde free processes
- All products are made with non-lead based pigments
- Many of our consumable supplies are reused or recycled
- Office paper is recycled as well as printer ink and toner cartridges
- Buildings are non-smoking facilities with designated smoke areas
- Crane Composites complies with all local, state and federal regulations regarding pollution prevention of land, water and air and we are focused on waste minimization in all area
GREENGUARD® Certification
The complete line of Crane Composites FRP wall and ceiling panels has earned GREENGUARD Children & Schools and GREENGUARD Indoor Air Quality Certification. In addition, our products recently received GREENGUARD Select Certification for Education and Healthcare.

As a leading manufacturer of fiberglass reinforced plastic panels, Crane Composites has progressively improved the quality of our products while increasing the use of low emitting materials. The GREENGUARD certification provides the confirmation that our efforts have been successful.
Premium Wall & Ceiling Panels
Since 1954 GLASBORD protected by Surfaseal has been the industry standard for FRP wall and ceiling panels. Surfaseal provides the extra protection against mold, mildew and stains. Durable, cleanable, easy to install GLASBORD is the panel your project demands backed by the service you deserve.

Pebbled Embossed Texture

White | 85 Colonial White | 83 Ivory | 84 Soft Beige | 70
Stone | 15 Silver | 66 Pearl Gray | 48 Black | 1201

Smooth Texture

White | 85 Gray | 636 Ivory | 84

Patterns and colors are a representation and may not accurately reflect the final product. Please obtain a sample of the product before making a final selection at www.FRPSamples.com

Surfaseal
Surfaseal is a protective finish that makes GLASBORD easier to clean and up to 6 times more stain resistant than other FRP panels. This unique finish ensures GLASBORD wall and ceiling panels will stand up to harsh conditions while maintaining a clean and sanitary surface.

Factory Mutual Approved
Fire-X GLASBORD FM is the only fiberglass reinforced interior wall panel that is accepted under Factory Mutual Research Approved FRP, Class 1 Interior Finish Material in accordance with Factory Mutual Research Approval Standard 4880. Available with an embossed (FXE) or smooth (FSFM) finish.

Frontside Identification
Only GLASBORD panels can be identified before installation by colored threads on the back. After installation, GLASBORD can be identified by a Translucent Plastic Thread* with Fluorescent Pigment Design® embedded in the front of the panel and visible by black fluorescent lighting.

* Threads are only included in 85 White FX and PIF panels.
Applications
Commercial Kitchens
Restaurants
Restrooms
Convenience Stores
Locker Rooms
Food Processing Plants

Features
Mold and Mildew Free
Meets USDA / FSIS Requirements
Easy to Install
Cleanable
Durable

ACCESSORIES
Standard Moldings
Available in 8’ and 10’ Lengths
Colors to Coordinate with Glasbord Wall Panels

Installation Accessories
Adhesive
FRP Roller
V-Notched Trowel

PRODUCT SPEC
Available Sizes
4’ x 8’ | 4’ x 9’ | 4’ x 10’ | 4’ x 12’

Thicknesses
0.09” (embossed) | 0.075” (smooth)

Fire Ratings
Class A or Class C per ASTM E-84
CAN/ULC-S102
FM Approved Available

For complete technical product information, including physical properties, certifications, flame spread and smoke development ratings, fabrication recommendations, product storage, and limitations please visit www.cranecomposites.com/support/resource.html. Here you will find technical data sheets, installation guides, warranties, material safety data sheets, and three part specifications. If any other information is required, please contact us at 1(800) 435-0080, or email us at salesbp@cranecomposites.com.
**Designer Inspired Wall Panels**
DESIGNS is the newest FRP wall panel offering that combine the traditional benefits of fiberglass reinforced plastic with innovative and attractive patterns. DESIGNS FRP wall panels have style, install like FRP and are available with complementary moldings for seamless and moisture resistant installations.

### Wood Patterns
- Sierra Ash
- Baton Rouge Bamboo
- Maryland Maple
- Carolina Cherry
- Washington Wood
- Tennessee Timber

### Stone & Natural Patterns
- Scattered Stone
- Sculptured Stone
- Maui Marble
- True Terrazzo
- Carmel Crosshatch

### Canvas Patterns
- Colonial Canvas
- Corn Silk Canvas
- Camel Canvas
- Chrome Canvas
- Coastal Canvas
- Cactus Canvas

### Weave Patterns
- Washed Weave
- Whipped Weave
- Western Weave
- Winter Weave
- Watered Weave
- Willow Weave

*Patterns and colors are a representation and may not accurately reflect the final product. Please obtain a sample of the product before making a final selection at www.FRPSamples.com*
DESIGNS 4U
Your custom designs, logos or images can now be transformed into a durable, cleanable and easy to install FRP wall panel. Custom moldings are available for seamless and moisture resistant installations.

ACCESSORIES
Pattern Coordinated Moldings
Wall Protection Accessories
Aluminum Moldings

Applications
School Hallways
Cafeterias
Dining Rooms
Reception Areas
Health Clubs
Hospitals
Lobbies

Industries
Education
Health Care
Hospitality & Casinos
Fitness
Retail
Restaurants

Features
Mold and Mildew Free
Easy to Install
Cleanable
Durable

PRODUCT SPEC
Available Sizes
4’ x 8’ | 4’ x 10’

Thicknesses
0.075”

Fire Ratings
Class A or Class C per ASTM E-84
CAN/ULC-S102

For complete technical product information, including physical properties, certifications, flame spread and smoke development ratings, fabrication recommendations, product storage, and limitations please visit www.cranecomposites.com/support/resource.html. Here you will find technical data sheets, installation guides, warranties, material safety data sheets, and three part specifications. If any other information is required, please contact us at 1(800) 435-0080, or email us at salesbp@cranecomposites.com.
Wall Panels with Style
The Innovative Finishes line combines the traditional benefits of fiberglass reinforced plastic with a linen or sandstone texture, or a tile-look or beaded finish to provide a panel with presence and style.

**Sandstone Texture**
- Cotton White | 1130
- Almond Breeze | 866
- Fawn Brown | 809
- Morning Mist Gray | 636
- Red | 731
- Blue | 318
- Daisy Gold | 111

**Tile-Look & Beaded**
- Cotton White | 1130
- Almond Breeze | 866
- White Wash | 488**
- Parchment | 866**
- Putty | 817**
- Cotton White Beaded

**Linen Texture**
- Cotton White | 1130
- Almond Breeze | 866
- Fawn Brown | 809
- Morning Mist Gray | 636

Patterns and colors are a representation and may not accurately reflect the final product. Please obtain a sample of the product before making a final selection at www.FRPSamples.com

* Sandstone Scored Panels are also available in Fawn Brown and Morning Mist Gray. Available in 10’ only. All sandstone panels may be scored in 2”, 3”, 4”, 6”, 8”, and 12” squares.

** Gel Coat White Wash and Parchment are available unscored, gel coat scored panels are scored in standard 4” x 4” squares. Gel coat panels are only Class C per ASTM E-84.
Applications
School Hallways
Cafeterias
Dining Rooms
Reception Areas
Health Clubs
Assisted Living Centers

Features
Mold and Mildew Free
Variety of Textures
Easy to Install
Cleanable
Durable

ACCESSORIES
Moldings Options
Aluminum Moldings
Silhouette Trims

Installation Accessories
Adhesive
FRP Roller
V-Notched Trowel

PRODUCT SPEC
Available Sizes
4’ x 8’ | 4’ x 10’

Thicknesses
0.09” (Linen, Sandstone, Tile-Look)
0.075” (Beaded)

Fire Ratings
Class A per ASTM E-84 (Linen and Sandstone only)
Class C per ASTM E-84
Fabricated by laminating a **GLASBORD** with Surfaseal panel to a rigid substrate, **KEMPLY** Laminated Panels have structural strength and can be installed directly to studs or used as a lay-in ceiling panel.

## PRODUCT SPEC

### Available Sizes

Wall Panels 4’ x 8’ | 4’ x 10’ | 4’ x 12’
Ceiling Panels 23.75” x 23.75” | 23.75” x 47.75”

### Available GLASBORD Skins

Class C per ASTM E-84
- 0.05” Pebbled Embossed | PWI
- 0.09” Pebbled Embossed | PIF
- 0.075” Pebbled Smooth | PSIF

Class A per ASTM E-84
- 0.09” Pebbled Embossed | FX
- 0.075” Pebbled Smooth | FSI

### Available Substrates

- Aluminum Composite Core (ACP) .12” | .24”
  - Class A Fire Rated per ASTM E-84
  - Single or Double Sided
  - Designed for a Lay-In Ceiling Panel
  - 0% Deflection

- Gypsum Regular | 1/2” and Gypsum Firecode-X | 5/8”

- Plywood 3/8” | 1/2” | 5/8” | 3/4”

- Oriented Strand Board (OSB) 1/2” | 5/8” | 3/8”

- Fluted Polypropylene 0.32” | 0.40”

### APPLICATIONS

- Car Washes
- Food Processing Plants
- Chemical Processing Plants
- Refrigerated Warehouses
- Commercial Kitchens
- Restrooms
- Locker Rooms
- Dormitories
- Kennels
- Laboratories
Sanigrid II is an all-fiberglass ceiling grid system that resists moisture in high humidity and chemical environments. It will not rust, pit, dent or peel like metal grid systems and is easy to install.

The Sanigrid II system uses a series of pre-notched main tees and cross members to lock the grid together. The entire system snaps together quickly for faster installation.

Complete the Sanigrid II Ceiling Grid System with GLASBORD ceiling panels.

**PRODUCT SPEC**

**Available Sizes**
Ceiling Configuration 2’ x 2’ | 2’ x 4’

**Fire Ratings**
Class A per ASTM E-84

**Available GLASBORD Ceiling Panels**
Class C per ASTM E-84
- 0.10” Pebbled Embossed | CGI
- 0.075” Pebbled Smooth | PSIF

Class A per ASTM E-84
- 0.09” Pebbled Embossed | FXE (Factory Mutual)
- 0.10” | 0.12” Pebbled Embossed | FX
- Kemply Laminated Panels | ACP

**APPLICATIONS**
Food Processing Plants
Chemical Processing Plants
Refrigerated Warehouses
Commercial Kitchens
Restrooms

**Features**
Moisture Resistant
Ideal for High Humidity
Resistant to Chemical Environments
Will Not Rust, Pit, Dent or Peel
Wall Protection Accessories
The newest FRP Accessories are base coves, chair rails and corner guards to protect our DESIGNS, Innovative Finishes and Glasbord FRP panels from everyday wear and tear. The five available colors were selected to accent Crane Composites’ FRP panels.

Silhouette Trims
Silhouette Trims offer a narrow profile to minimize the seam. Available in standard colors or complementary for DESIGNS panel installations. Available in 10’ lengths.

Beaded Panel Molding
Specially designed beaded division bar to complement our beaded panels, which are part of the Innovative Finish product line. Available in 10’ lengths.

Aluminum Trims
Standard Aluminum Trims are designed to complement Innovative Finishes DESIGNS wall panels. The Aluminum Trims provide a contrasting and upscale look. Available in 10’ lengths.

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**Glasbord Standard Moldings**
Standard moldings are contractor grade moldings perfect for use with FRP panels. Crane Composites Division Bars feature patented expansion control guides to assist with proper FRP installations. Available in 10’ lengths - call for additional availability.

**Kemply Panel Moldings**
Kemply moldings are contractor grade moldings that accommodate panels up to 0.437” thick as a one-piece or two-piece molding. Available in 10’ lengths and intended for use with KEMPPLY panels.

**Installation Accessories**
Crane Composites offers installation accessories and tools to complete your installation.

- **CCI Fast Grab Adhesive**
  Solvent-free FRP adhesive for use with gypsum wall board and non-treated plywood, gypsum and plywood

- **CCI Advanced Polymer Adhesive**
  High performance, professional strength adhesive for use with fire-rated, moisture-resistant Substrates

- **FRP Panel Roller**
  Sturdy and nickel plated with adjustable handle from 17” to 27”

- **V-Notched Trowel**
  5/16” x 3/16” x 1/4” V with cold rolled steel blade and molded polypropylene handle
Architects and end-users find Crane Composites’ FRP panels to be designer friendly with a variety of surface finishes and application opportunities. Contractors prefer to working with our FRP panels due to increased installation speed, when compared to painting or installing tile. We have all the panels and tools necessary to get the job done so you can move to the next project. Below is a list of facilities and applications that work great with FRP. For additional application images, visit our application gallery at http://cranecompositesgallery.com.

**Restaurants**
Kitchens | Dining Rooms | Restrooms
Waiting Rooms | Bar Area | Store Rooms

**Education**
Cafeterias | Classrooms | Restrooms
Hallways | Locker Rooms | Stadiums

**Medical**
Waiting Rooms | Doctor Offices | Hospital Rooms
Animal Care | Vet Offices | Dialysis Clinics

**Hospitality**
Cafe | Kitchens
Lobby | Restrooms
Cleanroom Wall Systems
Glasbord Panels ISO Classes 5-8
Certified for Cleanroom Applications

The Cleanroom Wall system features Crane Composites’ smooth Factory Mutual Glasbord (FSFM) panel. The Glasbord FSFM panel has been tested and certified by independent third parties for ISO 5-8 Cleanrooms. The cleanroom certified FRP panels are completed with the use of thebiological and chemically tested adhesive and seamsealant for wall panel applications and trim-free seams.

Wall Panels for Car Washes
Glasbord Panels Laminated to Fluted Polypropylene

The KEMPLY panel is engineered to survive in harsh environments. The GLASBORD panel that is laminated to fluted polypropylene is ideal for high moisture applications. It will not rot, rust, mold, mildew and resists corrosion from chemicals. It can be installed over existing wall surfaces or directly over a steel or wood studded wall.

Grocery Store
Keep High Traffic Areas Looking Best with DESIGNS and Glasbord Panels

Crane Composites understands commercial building owners and their needs. Crane Composites offers a variety of products for high traffic areas. Crane Composites’ DESIGNS offers a decorative finish in front of the store, customer service areas, restrooms and check out lanes. The GLASBORD panel offers a sanitary, durable finish behind and around the bakery section, deli counter, fresh product and pharmacy.
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 55 years of industry experience and is a recognized industry leader in FRP applications.