



CRANE Composites



Fiberglass Reinforced Plastic (FRP) Panels

GLASBORD[®]

INNOVATIVE
Performance • Texture • Style finishes

WHERE TRADITION & INNOVATION CONVERGE



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 **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

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



CRANE COMPOSITES IS HEADQUARTERED IN CHANNAHON, ILLINOIS



Products

Glasbord with Surfaseal
Embossed and Smooth FRP Panels

4

DESIGNS

Designer Inspired Wall Panels

6

Innovative Finishes

FRP with Performance and Presence

8

Kemply

Laminated Panels

10

Sanigrid

Ceiling Grid System

11

Accessories

Moldings and Installation Accessories

12

Applications

Cleanroom Wall System

14



GREENGUARD® Certification

The complete line of FRP wall and ceiling panels manufactured by Crane Composites, Inc. has earned GREENGUARD Certification for low chemical emissions. This certification is issued by UL Environment.

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.



GREENGUARD

PRODUCT CERTIFIED FOR
LOW CHEMICAL EMISSIONS
UL.COM/GG
UL 2818

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



Smooth Texture



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 (FXE and FSFM) is the only fiberglass reinforced interior wall and ceiling panel that is accepted under Factory Mutual Research approved FRP, Plastic Interior Finish Materials when installed in accordance with Factory Mutual Research Approval Standard 4880. This information is available at www.approvalguide.com and www.FRP.com/FMAApproved.pdf. | Available with an embossed (FXE) or smooth (FSFM) finish.



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.

CAR WASH
WHITE



RESTAURANT
WHITE



CLEANROOM
WHITE SMOOTH



RESTROOM
COLONIAL WHITE



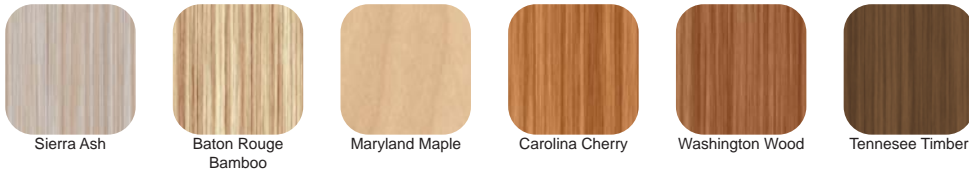
CEILING
WHITE



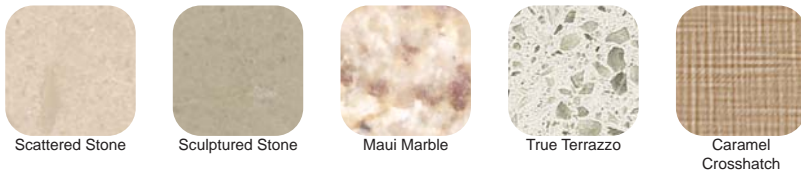
Designer Inspired Wall Panels

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.

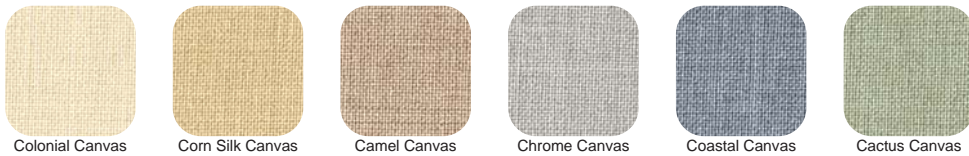
Wood Patterns



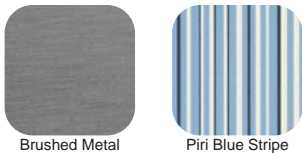
Stone & Natural Patterns



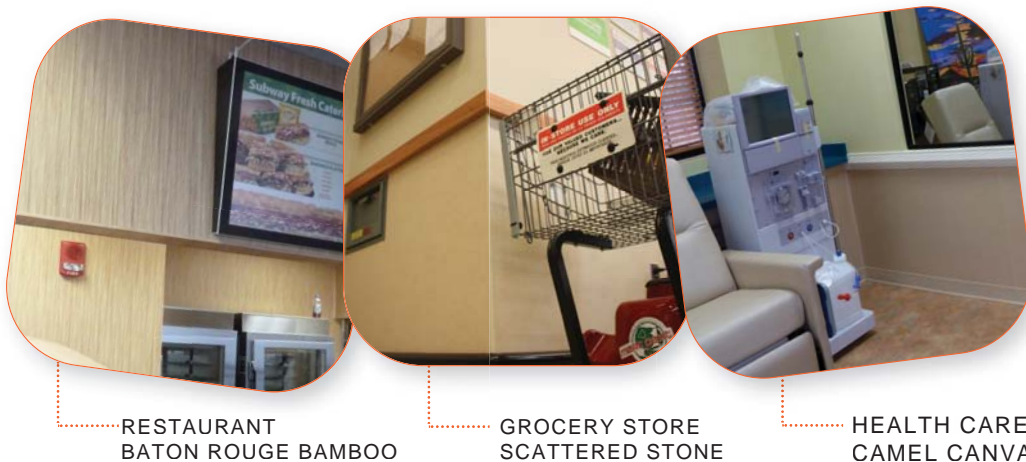
Canvas Patterns



Innovative Patterns



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

DESIGNS
4U™

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.

SCHOOL
SPORTS ARENA



ACCESSORIES

Pattern Coordinated Moldings
Wall Protection Accessories
Aluminum Moldings

RESTAURANT



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

HOSPITALITY
MAUI MARBLE



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



Tile-Look & Beaded



Linen Texture



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

LINEN, SANDSTONE, BEADED, TILE-LOOK

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

RESTAURANT
RED AND DAISY GOLD



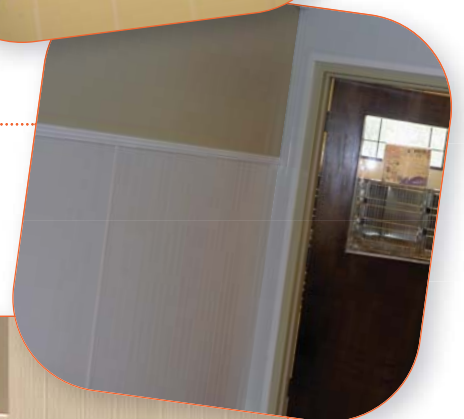
EDUCATION
ALMOND BREEZE



RESTAURANT
CUSTOM COLOR



PET CARE FACILITY
COTTON WHITE



RECEPTION AREA
ALMOND BREEZE



KEMPLY®

Laminated Panels

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

Fiberglass Ceiling Grid System



Sanigridd 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 Sanigridd 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 Sanigridd 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

ACCESSORIES

Moldings | Installation Accessories

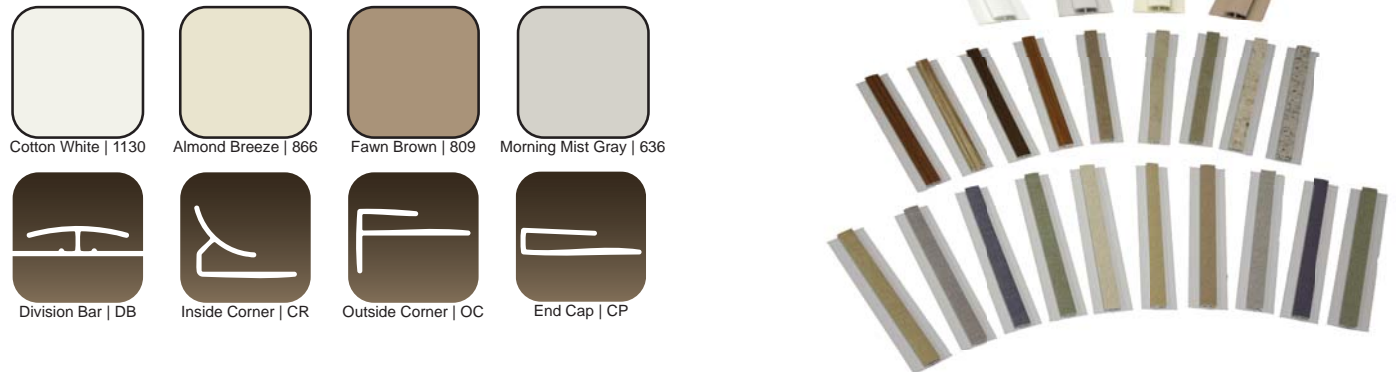
Glasbord Standard Moldings

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.



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 link. Available in 10' lengths.



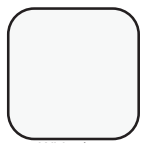
Aluminum Trims

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.



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 **KEMPLY** panels.



White | 85



Division Bar | DB



Inside Corner | IC



Outside Corner | OC



End Cap | CP



Inside Angle | IA



Outside Angle | OA



Division Bar | DB



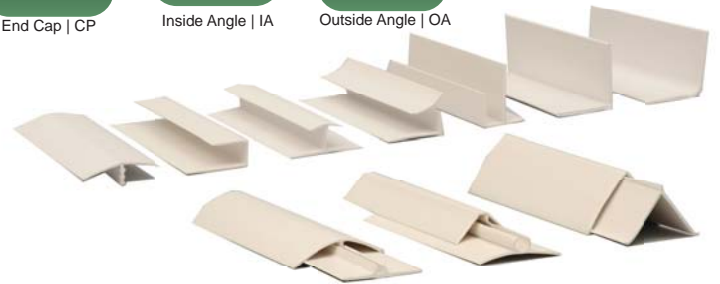
Inside Corner | IC



Outside Corner | OC



T-Bar | TB



Installation Accessories

Crane Composites offers installation accessories and tools to complete your installation.

Nylon Drive Rivets

Non-staining nylon drive rivets in matching Glasbord panel colors are designed for quick and easy installation using only a hammer and drill. When used with silicone sealants, drive rivets maintain an effective moisture seal as well as providing excellent mechanical fastening for panels. Rivets are available in 3/4", 1" and 1.5" lengths in white, cream, beige, silver and gray.

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



APPLICATIONS

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 the biological and chemically tested adhesive and seam sealant 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.

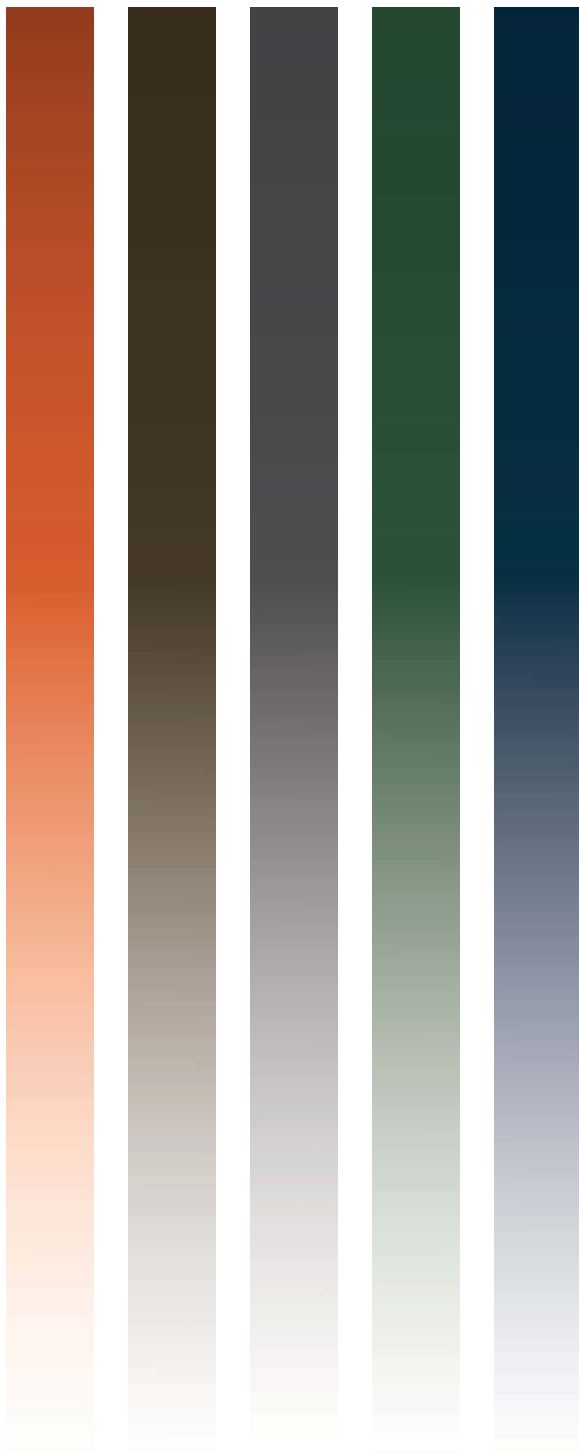


Grocery Store

*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

Actively reducing the amount of printed documents is part of Crane's ongoing sustainability efforts, for the latest version visit <http://www.cranecomposites.com/support/resource.html>

www.cranecomposites.com | 1.800.435.0080 | 1.815.467.8666 (fax) | sales@cranecomposites.com

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.



CRANE

Composites

Crane Composites, Glasbord, Surfaseal, Kemlite, Kemply, and Sanigrad are registered trademarks of Crane Composites, Inc.
Form 6680 | Rev. 19 | 7.14 | (7232)