

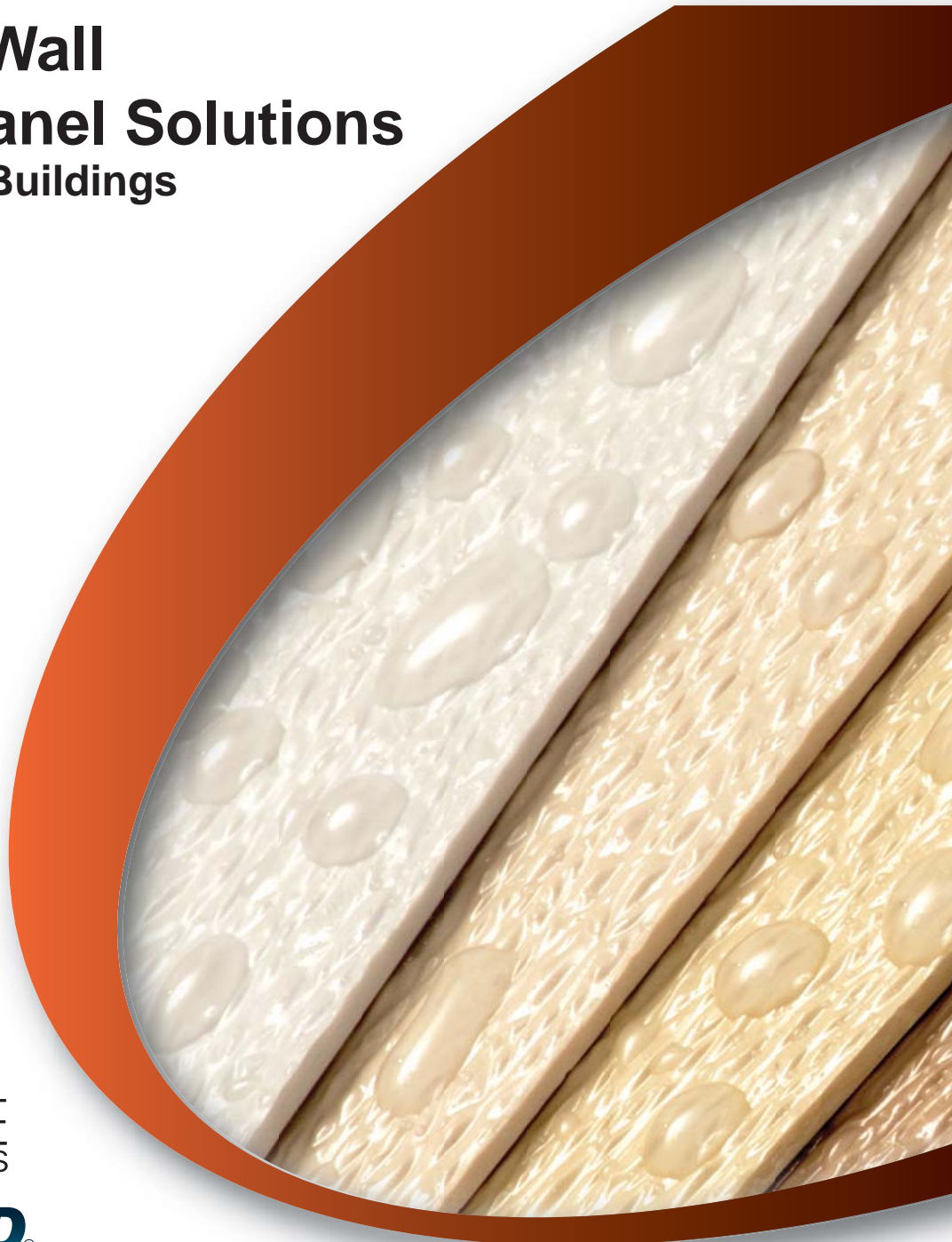


CRANE

Composites



Innovative Wall & Ceiling Panel Solutions for Commercial Buildings



INNOVATIVE
Performance • Texture • Style finishes

GLASBORD®

WHERE TRADITION & INNOVATION CONVERGE



Crane Composites, Inc.

Crane Composites is the manufacturer of Glasbord, Sequentia, Sanigrid II 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

The tradition of Kemlite provides a solid foundation for the service and quality our organization provides the customer. The resources of Crane Composites allows our company to improve our operations and our 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, Inc., a Crane Co. (NYSE:CR) company, certifies that FRP panels sold under the names of Innovative Finishes and Glasbord are domestic end products, manufactured or produced in the United States.

Our Parent Company | Crane Co. (NYSE:CR)

Founded in 1855 by Richard Teller Crane, Crane Co. is composed of 26 businesses in six industry segments including: Fluid Handling, Electronics, Merchandising Systems, Engineered Materials, Controls and Aerospace.

www.craneco.com

Manufacturing Plants

The bulk of our building products are manufactured at facilities in **Joliet, Illinois** and **Florence, Kentucky**. Crane Composites has additional manufacturing facilities in Jonesboro, Arkansas, Goshen, Indiana and Alton, England.

GREENGUARD® Certification

The complete line of FRP wall and ceiling panels manufactured by Crane Composites, Inc. has earned GREENGUARD Children & Schools and GREENGUARD Indoor Air Quality Certification. These certifications are issued by the GREENGUARD Environmental Institute (GEI). As a leading manufacturer of fiberglass reinforced plastic panels, Crane Composites has progressively improved the quality of their products while increasing the use of low emitting materials. The GREENGUARD Certification provides confirmation that efforts have been successful.



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 CCI manufacturing facilities Title V (air permit) Compliant
- Materials used in packaging are recyclable – plastics, wood, cardboard and aluminum pallets and cores are returned from customers and reused
- Less than A-grade quality product is saved and reworked or sold as B-grade to avoid landfill
- Water used to cut product on the continuous manufacturing line is reused in a closed loop system and does not introduce contaminated H2O into the waste system
- Formaldehyde free products and processes
- Rags and acetone cleaners are recycled
- All products made with non-lead based pigments
- Carrier film is reused
- 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 areas



GLASBORD®

Premium Wall & Ceiling Panels



85 White



83 Colonial White



84 Ivory



70 Soft Beige



15 Stone



66 Silver



48 Pearl Gray



1201 Black*



85 Smooth White



636 Smooth Gray

Since 1954 *GLASBORD* protected by Surfaseal has been the industry standard for FRP wall and ceiling panels. Surfaseal provides 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.

Applications

Commercial Kitchens
Restaurants
Restrooms
Convenience Stores
Locker Rooms
Food Processing Plants

Product Specs

Available Sizes

4' x 8' | 4' x 10' | 4' x 12'

Thickness

0.09"

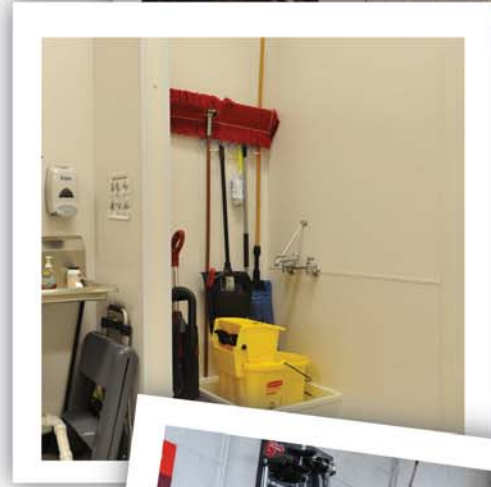
0.75" (Smooth)

Features

Mold and Mildew Resistant
Available as FM Approved
Meets USDA/FSIS Requirements
Easy To Install
Cleanable
Durable

Fire Rating

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



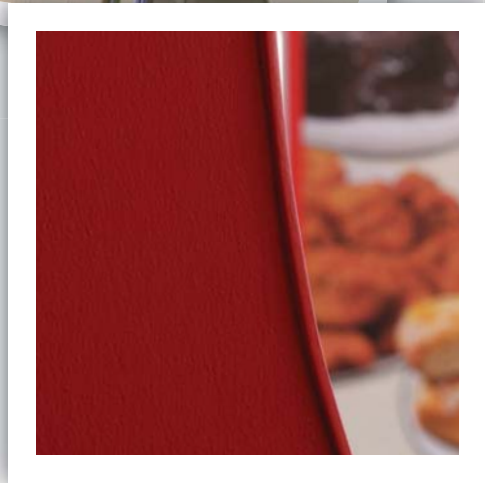
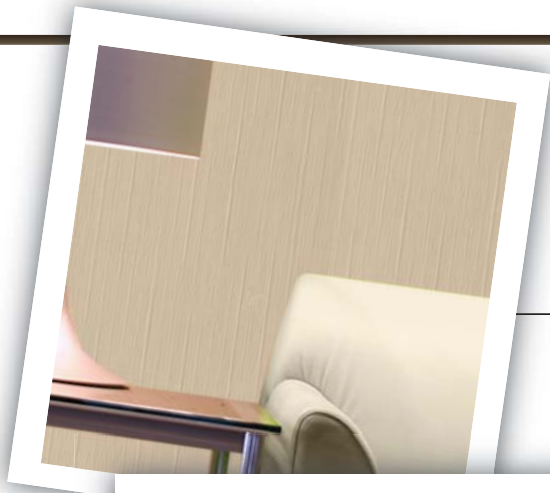
Surfaseal is a protective finish that makes *GLASBORD* easier to clean and up 6 times more stain resistant than other FRP panels. This unique finish ensures *GLASBORD* wall and ceiling panels will stand up to harsh conditions while maintaining a clean and sanitary surface.



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.



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.



Wall Panels With Style

The Innovative Finishes line combines the traditional benefits of fiberglass reinforced plastic with linen and sandstone textures and tile-look and beaded finishes to provide a panel with presence and style that performs.

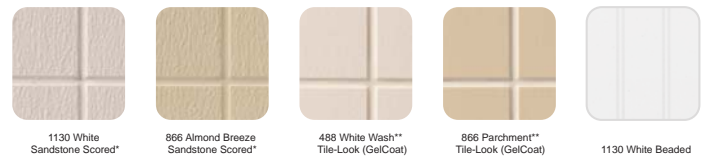
Linen Textures



Sandstone Textures



Tile-Look & Beaded



Applications

- School Hallways
- Cafeterias
- Dining Rooms
- Reception Areas
- Health Clubs
- Assisted Living Centers

Features

- Mold & Mildew Resistant
- Variety of Textures
- Easy To Install
- Cleanable
- Durable

Product Specs

Available Sizes
4' x 8' | 4' x 10'

Finish	Thickness	Fire-Rating (per ASTM E-85)
Linen	0.09"	Class A & Class C
Sandstone	0.09"	Class A & Class C
Tile-Look	0.09"	Class C
Beaded	0.075"	Class C

Moldings & Seam Treatments

Silhouette Trims

Silhouette Trims offer a narrow profile to minimize the seam. Available in five colors to match the Innovative Finishes product offering.

Silicone Caulk

White or almond silicone caulk provides a low profile, aesthetically pleasing look to match the score lines of the Gel Coat, tile-look panels.

*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 in an unscored panel, Gel Coat Scored panels are scored in standard 4" x 4" squares. Gel Coat panels are only available in Class C per ASTM E-84



DESIGNS & PATTERN MATCHED MOLDINGS



DESIGNS

The newest FRP wall panels from Crane Composites combine the traditional benefits of fiberglass reinforced plastic with innovative and attractive patterns. DESIGNS FRP wall panels have style, perform like FRP and are available with pattern matched moldings for seamless and moisture resistant installations.

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.

Applications

School Hallways
Cafeterias
Dining Rooms
Reception Areas
Health Clubs
Hospitals
Lobbies

Features

Mold & Mildew Resistant
Pattern Matched Moldings
Easy To Install
Cleanable
Durable

Product Specs

Available Sizes
4' x 8' | 4' x 10'

Texture
Smooth

Thickness
0.075"

Fire-Rating
Class A or C
per ASTM-E84

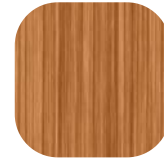
Industries

Education
Health Care
Hospitality & Casino
Fitness
Retail
Restaurants

Available DESIGNS Pattern Options



Tennessee Timber



Carolina Cherry



Baton Rouge Bamboo



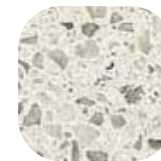
Washington Wood



Sculptured Stone



Scattered Stone



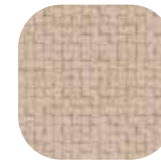
True Terazzo



Maui Marble



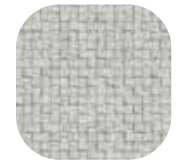
Camel Canvas



Western Weave



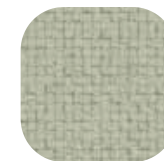
Corn Silk Canvas



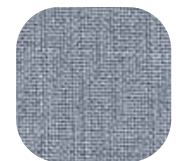
Winter Weave



Chrome Canvas



Willow Weave



Coastal Canvas



Whipped Weave



Colonial Canvas



Washed Weave

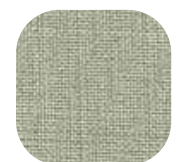


DESIGNS
4U

DESIGNS 4U



Watered Weave



Cactus Canvas



SANIGRID® II

FIBERGLASS CEILING GRID SYSTEM



Sanigridd II is an all-fiberglass ceiling grid system that will resist moisture in high humidity and chemical environments. It will not rust, pit, dent, or peel like metal grid systems and it is very easy to install.

The new 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.

Product Specs

Available Sizes

2' x 2' | 2' x 4'

Ceiling Configurations

Colors

White

Fire Rating

Class A per ASTM E-84

Applications

Food Processing Plants
Chemical Processing Plants
Refrigerated Warehouses
Commercial Kitchens
Restrooms



GLASBORD®

LAMINATED PANELS (KEMPLY)



Fabricated by laminating a GLASBORD with Surfaseal panel to a rigid substrate, GLASBORD Laminated Panels have structural strength and can be installed directly to studs or as a ceiling panel.

Product Specs

Available GLASBORD Skins

Class C Fire Rated per ASTM E-84

0.05" (1.3mm) Pebbled Embossed | PWI

0.09" (2.3mm) Pebbled Embossed | PIF

0.075" (1.9mm) Smooth | PSIF

Class A Fire Rated per ASTM E-84

0.09" (2.3mm) Pebbled Embossed | Fire-X

0.075" (1.9mm) Smooth | FSI

Available Substrates

Fluted Polypropylene
Oriented Strand Board
Gypsum
Plywood

Applications

Car Washes
Food Processing Plants
Chemical Processing Plants
Refrigerated Warehouses
Commercial Kitchens
Restrooms
Locker Rooms
Dormitories
Kennels
Laboratories



GLASBORD Laminated Panels are the only FRP laminated panels with Surfaseal.



MOLDINGS



Standard GLASBORD Moldings

Standard moldings are contractor grade moldings perfect for use with FRP panels. Available in 10' lengths.

Colors



Profiles



Crane Composites Division
Bars feature patented expansion control guides to assist with proper FRP installations

Silhouette Trims

Silhouette Trims offer a narrow profile to minimize the seam. Available in standard colors or Pattern Matched for DESIGNS panel installations

Colors



Profiles



Beaded Panel Moldings | White

Specially designed beaded division bar to complement beaded panel installations. Available in 10' lengths.

Color



Profiles



Standard GLASBORD Laminated (Kemply) Moldings

Standard moldings are contractor grade moldings that accommodate panels up to 0.437" thick. Available in 10' lengths.

Color



Profiles



Two-Piece GLASBORD Laminated (Kemply) Moldings

Standard moldings are contractor grade moldings that accommodate panels up to 0.437" thick. Available in 10' lengths.

Color



Profiles



DON'T FORGET THE INSTALLATION ACCESSORIES



Nylon Drive Rivets

Non-staining nylon drive rivets in matching 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.

Available in White, Cream, Beige, Silver and Gray

FRP Panel Roller

Handle quickly adjusts from 17" to 27"

Sturdy and nickel plated

No axle projections allowing for flush work into corners

V-Notched Trowel

5/16" x 3/16" x 1/4" V

Cold rolled steel blade

Molded polypropylene handle

Titebond GreenChoice FRP Fast Grab Adhesive (4 gallon pail)

Bond FRP to many common porous building materials including drywall and non-treated plywood.

Environmentally Safe - VOC Compliant
Quick Grab - Minimal Bracing
Cleans Easily with Water in Wet State

Titebond GreenChoice Advanced Polymer Adhesive (3.5 gallon pail)

High performance, professional strength advanced polymer adhesive specifically formulated to be used for most types of paneling installations.

Environmentally Safe - VOC Compliant
Contains No Water
Trowels Easily

Recommended Substrates

Gypsum Wallboard, Fire Rated Plywood, Pressure Treated Plywood, Fiberglass Faced Gypsum Wallboard, Mold Resistant Gypsum, Wallboard, Ceramic, Steel, Foamboard, Vinyl, PVC, FRP, Laminate, Concrete

More Information

We have recently added a complete Resource Center to our website. Please visit for additional information including Product Literature, Technical Data Sheets, 3-Part Specifications and more.

If you are still not finding what you need, please contact us at
1.800.435.0080 or salesbp@cranecomposites.com

WHEN USING FRP PANELS IN A CEILING GRID

Crane Composites strongly recommends FRP ceiling panels to be used with butt-end ceiling grid systems in order to minimize gaps between the panel and the grid system. Smooth FRP panels will highlight the space between the grid and a flush mounted ceiling panel. Crane Composites is not responsible for space between panel and grid when overlay grid systems are used.

For optimal results use Sanigrd II - Fiberglass Ceiling Grid System

GLASBORD LAMINATED PANELS (KEMPLY)

Glasbord Laminated panels (Kemply) have not been tested for physical properties or fire resistance. All Glasbord finishes have been tested for surface burning characteristics (see Technical Bulletins 6226, 6229, 6296, 7901 and 65020). Physical properties and fire resistance data on the substrate are available from the specific substrate manufacturer. Crane Composites makes no representation or warranty as to the composite panel fitness for any specific application, overall physical properties, fire resistance, or burning characteristics. The intended use of laminated panels that use fluted polypropylene as a substrate, is to line the walls or ceilings of car washes and agricultural buildings. Installation of these panels in any application should be approved by the local building code official before panels are ordered. Crane Composites cannot ensure code compliance in all situations.

FLAME SPREAD AND SMOKE DEVELOPMENT RATINGS

The numerical flame spread and smoke development ratings are not intended to reflect alleged hazards presented by Crane Composites products under actual fire conditions and this product has not been tested by Crane Composites except as set forth below. These ratings are determined by small-scale tests conducted by Underwriters Laboratories and other independent testing facilities using the American Society for Testing and Materials E-84 test standard (commonly referred to as the "Tunnel Test").

CRANE COMPOSITES PROVIDES THESE RATINGS FOR MATERIAL COMPARISON PURPOSES ONLY. Like other organic building materials (e.g. wood), panels made of fiberglass reinforced plastic resins will burn. When ignited, FRP may produce dense smoke very rapidly. All smoke is toxic. Fire safety requires proper design of facilities and fire suppression systems, as well as precautions during construction and occupancy. Local codes, insurance requirements and any special needs of the product user will determine the correct fire-rated interior finish and fire suppression system necessary for a specific installation. We believe all information given is accurate, without guarantee. Since conditions of use are beyond our control, all risks are assumed by the user. Nothing herein shall be construed as a recommendation for uses which infringe on valid patents or as extending a license under valid patents. www.astm.org/Standards/E84.htm.

We believe all information given is accurate. It is offered in good faith, but without guarantee. Since conditions of use are beyond our control, all risks are assumed by the user. Nothing herein shall be construed as a recommendation for uses which infringe on valid patents or as extending a license under valid patents.

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www.FRP.com | 1.800.435.0080 | 1.815.467.8666 (fax) | salesbp@cranecomposites.com

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