



Composites

CLEAN + DURABLE
surface systems

HYGIENIC WALL + CEILING SYSTEMS for food processing + cold storage facilities



FOOD PROCESSING | PACKAGING PLANTS | COLD STORAGE | COMMERCIAL KITCHEN

featuring **GLASBORD®**

frp Fiberglass Reinforced Panels

why **frp**? where **frp**?

protect your facility

Our Glasbord with Surfaseal offers unsurpassed hygiene for any application. We offer FRP and seam sealant that provides a protective system with reduced maintenance seams. Our products stand up to frequent wash downs with chemicals and antibacterial cleaners. Our products create a protective envelope with high performance finishes for food processing and cold storage applications. That's where our all-in-one hygienic wall panel solution comes in. Our products are certified by HACCP and meet the food processing guidelines of FSMA, USDA, FDA and FSIS.

Made of fiberglass reinforced plastic (FRP), Glasbord with Surfaseal is extremely moisture-resistant and non-porous. The Surfaseal film finish, found only on Glasbord, provides a barrier that is highly resistant to impact and scratching. Because of its unique process, the Surfaseal finish will not trap soil or bacteria on the panel. The panels perform well under frequent wash-downs.

Complete transitions with our polyurethane seam sealant that provides a nearly seamless surface and builds a permanent seal preventing any growth of mold and mildew. Using the seam sealant reduces maintenance needs as it does not have to be replaced like traditional silicone.

We are partnered with insulated panel manufactures that have options for temperature-controlled applications requiring hygienic SIPS panels.



GLASBORD **benefits**

wall + ceiling panels

MOLD + MILDEW FREE

Glasbord FRP panels are resistant to humidity and will not harbor mold + mildew

EASY TO INSTALL

Install panels with minimal downtime over existing materials

EASY TO CLEAN + MAINTAIN

Engineered to withstand aggressive wash downs with chemicals + cleansers for increased sanitation

IMPACT RESISTANT

Durable panels are resistant to scratches and dents against rolling carts

AVAILABLE IN A CLASS A OR CLASS C FIRE RATING

Meets requirements of major model building codes per ASTM E-84

complete your **CRANE** hygienic wall + ceiling panel system

Glasbord FRP Panels

smooth + embossed for walls + ceilings

AVAILABLE SIZES:

2' x 2' | 2' x 4' | 4' x 8' | 4' x 10' (other sizes available upon request)

THICKNESSES:

0.09" (embossed) | 0.075" (smooth)

FIRE RATINGS:

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

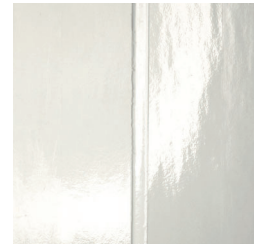
FM Approved Available



Seam Sealant

two-part polyurethane seam sealant

Seam Sealant is an equal-mix, two-component bright white urethane sealant system used to bond and seal a variety of plastics. Use for a seamless Glasbord installation that is easy to clean.



Stainless Accessories

steel trims for transitions

Use Sani-Base stainless accessories for innovative moisture mitigation solutions for seamless wall to floor transitions. Stainless steel trim pieces are the answer to having a sanitary, durable and clean transition while providing increased impact resistance and longevity to develop a more aesthetically pleasing finish.



Crane Adhesive

two frp adhesive options

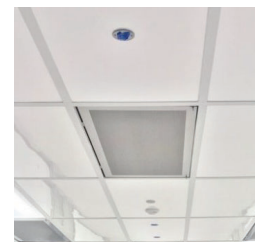
Crane's Fast Grab and Advanced Polymer adhesive offers professional-strength and is specifically formulated for the installation of FRP panels over most porous surfaces. It offers quick grab and strength development that requires minimal bracing.



Sanigrid Ceiling Grid System

fire-rated fiberglass ceiling system

Sanigrid is known for its moisture and corrosion resistance in high humidity installations. It won't rust, pit, dent, or peel like metal grid systems.





Glasbord panels with Surfaseal finish

Our third-party testing quantifies the value that Surfaseal adds to our FRP products. Surfaseal creates surfaces that deliver unsurpassed hygiene and durability. The Surfaseal film finish, found only on Glasbord, provides a barrier that's highly resistant to impact and scratching. Because of its unique process, the Surfaseal finish will not trap soil or bacteria on the panel. Glasbord with Surfaseal panels protect your walls and keep them looking clean.

Fire-X Glasbord (FXE and FSFM) is the only fiberglass reinforced interior wall and ceiling panel that is approved under FM Approvals Standard FM 4880 (Plastic Interior Finish Materials). Product installations should be in accordance with FM Approvals Standard FM 4880. This information is available at www.approvalguide.com and www.FRP.com/FMAproved.pdf.

Glasbord panels are the first FRP panels that are HACCP certified. Hazard Analysis Critical Control Point (HACCP) certifies that Glasbord panels are suitable for use in food and beverage facilities that operate in accordance with a HACCP based Food Safety Program. Orientation of embossed panels must be installed/ run vertically for any areas that require a sanitary finish under HACCP certification.

The Hygienic System is completed with the use of biological and chemically tested adhesive and seam sealant. Replacing traditional FRP moldings, the seam sealant creates a monolithic surface, eliminating potential for penetrating moisture, bacteria, mold, viruses and other agents causing healthcare associated infections. The end result is a total wall covering system you can trust to protect your clean environments.

Test	CHEMICAL CLEANABILITY	MOLD AND MILDEW FREE
Standard	ISO 2812-1	ATSM D3273 & ASTM D3274
Testing Laboratory	Independent 3rd Party Testing	Biological Lab Services
Results for FSFM Product	20% NAOH ONLY ISSUE	ATSM D3273 & ASTM D3274



who we are

Crane Composites Inc., a subsidiary of Crane Co. (NYSE:CR), is the world's leading provider of fiber-reinforced composite materials.

Since 1954, we have continued to pioneer numerous patented technologies for industrial and commercial product applications. Crane Composites fiber-reinforced panels (FRP) can be found in virtually every type of vertical market, from highly industrialized environments to stylish retail and hospitality settings.

No matter what the application, our products and team reflect our mission statement: we are a performance

driven organization committed to global leadership and products of high-quality composite materials.

Customers benefit not only from the outstanding performance characteristics of our products, but also from our extensive support programs. Our expert product teams are focused on the needs of customers to provide unparalleled service and expertise.



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