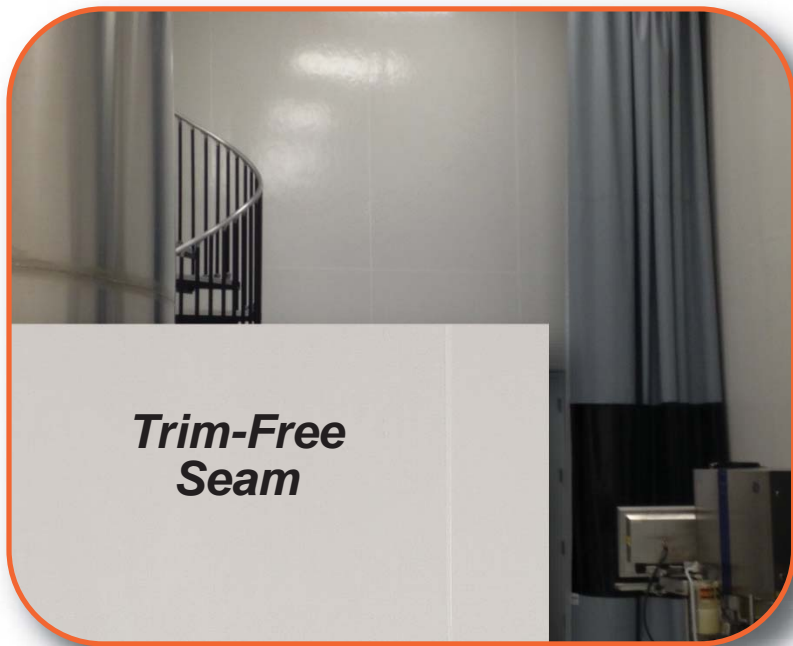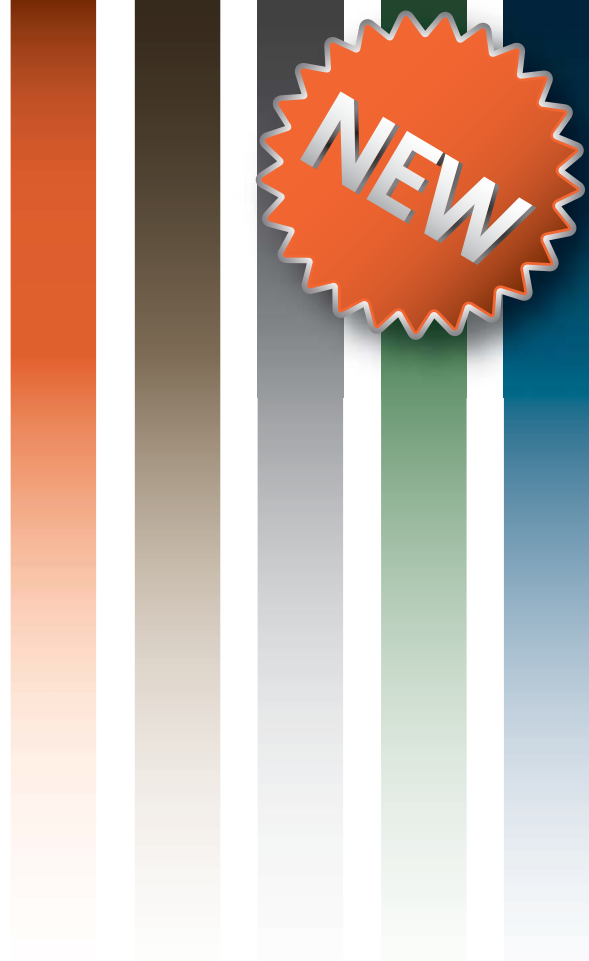# CRANE Composites

Cleanroom Wall System
featuring

GLASBORD®

The Only FRP panel with *Surfaseal* by CRANE Composites

FRP Panels are Acceptable for Use in ISO Classes 5-8 Cleanroom Applications

Trim-Free Seam

Thanks to the exclusive Surfaseal finish, Glasbord is the perfect solution for applications requiring cleanability, low particle emission, biological resistance and chemical resistance.

Glasbord is the industry leading fiberglass reinforced plastic (FRP) panel. The homogeneously applied Surfaseal finish means that the surface is sealed and will not trap soil or bacteria.

The system features Crane Composites' Glasbord panel. The Glasbord panels are available with a Class A or Class C fire rating per ASTM E-84 with a smooth or embossed finish. The Glasbord FSFM panel has been tested and certified by independent third parties. The cleanroom certified FRP wall panels are completed with the use of biological and chemically tested adhesive and seam sealant for wall panel applications and trim-free seams.

APPLICATIONS

Biotechnology
Pharmacy
Medical Device Assembly
Hospitals
Pharmaceuticals

SYSTEM COMPONENTS

Wall Panels	Fire-X Glasbord Smooth (FSFM)
Seam Sealant	Urethane Seam Sealant (R53827)
Adhesive	Advanced Polymer Adhesive (R53829)
	or Fast Grab Adhesive (R53828)

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by CRANE Composites

Glasbord FSFM Panels Certified for Cleanroom Applications

Test	Particle Emission	Biological Resistance	Chemical Cleanability	Volatile Organic Compounds	Mold and Mildew Free
Standard	ISO 14644-1	ISO 846	ISO 2812-1	ISO 16000-9	ASTM D3273 and ASTM D3274
Testing Laboratory	Fraunhofer	Fraunhofer	Independent 3rd Party Testing	Independent 3rd Party Testing	Biological Lab Services
Results for FSFM Product	ISO Class 5-8	0 - Excellent	20% NaOH Only Issue	Total VOC 22.16PPB: 1.66 PPB Styrene 20.6 PPB MMA	FRP does not support mold or mildew

GREENGUARD Certified

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).

USDA/FSIS Certified

Glasbord panels meet USDA/FSIS requirements. These requirements include that the panels have a finished outer surface material that is rigid, durable, non-toxic, non-corrosive and moisture resistant. The panels do not contain any known carcinogen, mutagen, or teratogen classified as hazardous substances, heavy metals or toxic substances, antimicrobials, pesticides, or substances with pesticide characteristics.

UL
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PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS
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