

VALTO | CLEANROOMS



GLASBORD®

HYGIENIC WALL + CEILING SYSTEMS FOR CLEANROOM FACILITIES



Have a clean environment with VALTO resilient wall coverings. Our GLASBORD with SURFASEAL offers unsurpassed hygiene and durability for cleanroom applications, including biopharma, lab and life science facilities.

Creating a protective envelope for critical areas demands high-performance finishes. That's where GLASBORD from VALTO comes in. 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's highly resistant to impact and scratching. Because of its unique process, the SURFASEAL finish will not trap soil or bacteria on the panel. The robust panels hold up under frequent maintenance cycles, even with caustic cleaning chemicals such as Spor-Klenz, Process Vesphene and bleach. GLASBORD with SURFASEAL provides tested and proven performance at an affordable price point with a 10-year limited warranty.



**MOLD
RESISTANT**

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



**EASY
INSTALL**

Install panels with minimal downtime over existing materials



**EASY
MAINTENANCE**

FRP wipes away clean with easy and does not need painting



**DURABLE + IMPACT
RESISTANT**

Resistant to scratches and punctures from rolling carts



**EASY TO
CLEAN**

FRP will not promote microbial growth which supports use in wet and damp growing environments



PRODUCT INFORMATION



AVAILABLE SIZES:

4' x 8' | 4' x 10'

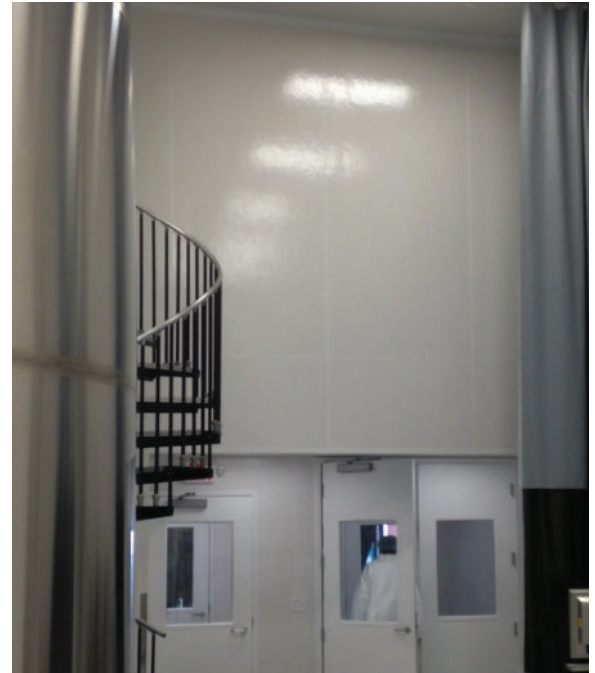


FIRE RATINGS:

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

THICKNESSES:

0.09" (embossed) | 0.075" (smooth)



GLASBORD CERTIFIED FOR CLEANROOM APPLICATIONS

Cleanroom Suitable Material testing quantifies the value that SURFASEAL adds to the FRP product (Hygienic ISO846 data sheet). The cleanroom FRP panels are completed with the use of biological and chemically tested adhesive and seam sealant for wall panel applications.

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	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	ATSM D3273 & 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	ATSM D3273 & ASTM D3274

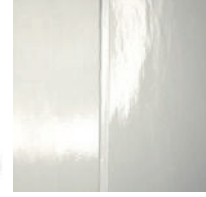




COMPLETE YOUR VALTO CLEANROOM SYSTEM

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.



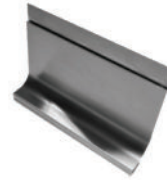
STAINLESS TRIMS

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.



SANI-BASE

Use Sani-Base stainless accessories for innovative moisture mitigation solutions for seamless wall to floor transitions. Our Sani-Base accessories are available in five different profiles to fit your application needs.



VALTO ADHESIVE

VALTO'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

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.



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/FMApproved.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.



All Valto wall and ceiling coverings have earned GREENGUARD Certification for low chemical emissions, issued by UL Environment. This certification reflects our dedication to improving the quality of our products, while using low-emitting materials in their construction.



Thanks to their environmental benefits, the use of Valto products may also contribute to earning LEED® certification.



At Valto, we partner with our customers, and through innovation, deliver advanced materials that enhance everyday environments. We succeed through a culture of collaboration, continuous improvement, and excellence. With integrity at our core, we challenge the status quo and pursue innovative approaches that benefit our customers and associates.

Since 1954, Valto Engineered Materials has provided innovative products and services and is a leading provider of FRP composite panels. Our lightweight composite products deliver unsurpassed strength and durability; and we continue to pioneer next level performance in building materials, recreational vehicles, and transportation.



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