DataCenters

Hygienic Wall and Ceiling Solutions

Main Issues in DataCenters:

Datacenters house expensive equipment and require low dust environments due to the high air flows. Standard walls and ceilings have the following issues:

- Particle and air quality emissions from standard wall claddings
- Most Surfaces are not cleanroom certified
- Surfaces are porous and not easily cleanable allowing dust and bacterial accumulation
- Staining from heavy moisture and cleaning
- Impact damage on walls from Movement of trolleys and carts
- Scratches and paint peeling from walls

Recommended Finishes

Glasbord® with Surfaseal® for Walls and Ceilings

Hygienic **Glasbord® with Surfaseal®**
Wall panels by **Crane Composites®**

- Smooth / Embossed Finish
- 1.5mm /1.9mm / 2.3mm Thick
- Fire Rating: Class C / Class B / Class A / FM Approval
- Available in 1.20m width to any length required, Can be made up to 2.4m Width.
- Color Match is available

Embossed White | 85

Smooth White | 85

MADE IN THE USA

CRANE Composites

Benefits

- ✓ Completely non porous surface, highly washable and stain resistant
- ✓ Chemical Resistant and resistant to repetitive heavy duty cleaning
- ✓ Mold and mildew free
- ✓ High impact and scratch resistance
- ✓ Easy and quick to install
- ✓ HACCP certified
- ✓ Fire rated: Class C , Class A and FM global
- ✓ UL GreenGuard Gold product certified for low chemicial emissions
- ✓ Extremely washable and supports repetitive cleaning process.

Certifications

Main Issue	How Glasbord® with Surfaseal® Provides a solution
Particle and air quality emissions from standard wall claddings	Glasbord® with Surfaseal® is ISO class 5..
high levels of damage including paint peel and Rot	Glasbord® with Surfaseal®is extremely wearing and resistant to heavy cleaning. It is also completely waterproof and a pore free surface. It is also highly impact and scratch resistant.
Dirty walls / Damaged Walls	Glasbord® with Surfaseal® is highly abrasion and impact resistant and has an extremely high cleanability

HACCP INTERNATIONAL PROGRAMME - FOOD SAFETY CERTIFICATION

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

USDA

ASTM INTERNATIONAL Does not support mold or mildew (per ASTM D3273/D3275)

FM APPROVED

Qatar Civil Defence

UL

Cleanroom® Suitable Materials
Crane Composites, Inc.
Report No. CR 1209-616 SURFASEAL Biol. Resistance: excellent

FTC | CRANE Composites | GLASBORD® with Surfaseal | HYGIBREAK® | HYGISPAN® Hygienic Insulated Panels | HYGIMAT | HYGICOLD | HYGIDOOR

Installation Options / Engineered Solutions

Glasbord® with Surfaseal® Self Adhesive peel and stick panels (Hygibreak®)

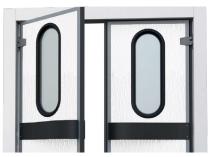Glasbord® with Surfaseal® laminated on Rigid Board (Hygimat)

Glasbord® with Surfaseal® Sandwich Panels (Hygispan®)

Glasbord® with Surfaseal® Modular Panels (Hygicold)

Traditional Installation

Custom Made Hygienic Doors (Hygidoor)

Profiles and Accessories

- PVC profiles (division bars, inside corners, outside corners)
- Stainless Steel Profiles
- Safety Barriers
- Polyurathane seam sealant
- Heavy duty skirting
- Suspended Ceiling Grid

PVC Profiles

Polyurathane Seam Sealant

Heavy duty Skirting

Safety Barriers

Stainless Steel Profiles

Suspended Ceiling Grid