



# Bio/CR-9

## Healthcare Wall Panel System



Life Science Products

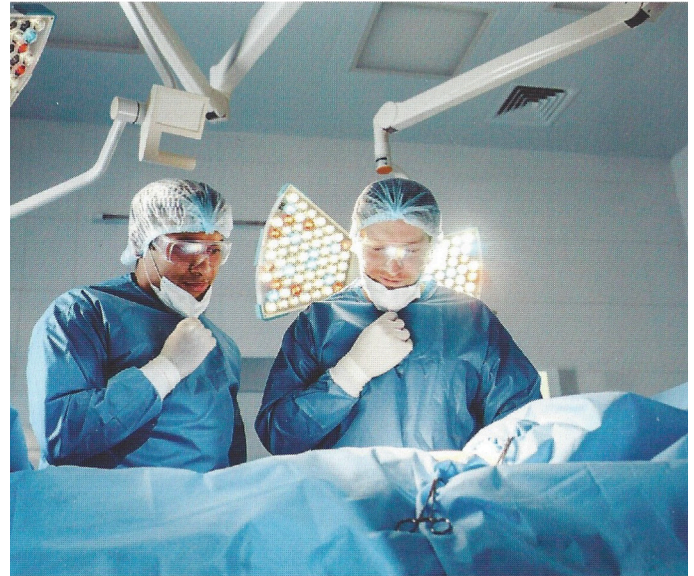


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### PVC Free

*Wall Panel System*  
for Surgical Suites  
Imaging Rooms,  
Pharmacy, Sterile  
Processing, Isolation  
Rooms, X-ray, Sterile  
Corridors and more.



### Bio/CR-9 Features

- Completely "PVC Free"
- Proven in Critical Healthcare Areas
- Seamless Sealed Wall System
- Class "A" Fire-Rated
- Smooth, Low Gloss Matte Finish
- Superior Impact Resistance
- Impervious to Moisture
- Excellent Chemical Resistance
- Easy to Clean
- Standard Colors Include White, Pewter, Silver, Tan and Almond
- Custom Colors available in minimum quantities
- Made in the USA

## Bio/CR-9 General Description

The Bio/CR-9 Panel System is part of the LSP Healthcare. Biocontainment/Clean Room product line. The matte finish, glass reinforced face is a smooth, thermoset high impact plastic. Panels are 3mm thick with a Low Gloss, minimally reflective, easy to clean surface. The Bio/CR-9 Wall System is PVC-FREE and impervious to moisture. It has exceptional impact and chemical resistance. Panels are available in 4'x8', 4'x9', 4'x10', 4'x12' and custom lengths. The Bio/CR-9 panel has passed the ASTM E-84 with a Class "A" Fire Rating. Seams are sealed by LSP-certified installers using a LEED-compliant, smooth-finish urethane compound. Seams can also be finished with either a color match caulk or color-matched moldings. Standard colors are white, tan, almond, pewter, and silver. Custom colors are also available.



### Standard Colors

- **White**
- **Pewter**
- **Silver**
- **Tan**
- **Almond**



## Bio/CR-9 Physical Properties

**Minimum Weight:** 0.8 pounds per square foot

**Standard Sizes:** 4'x8', 4'x9', 4'x10'

**Panel Thickness:** 3mm

**Colors:** White, Pewter, Silver, Tan & Almond

**Finish:** Smooth Matte

**Hardness:** ASTM D-2583 50 Barcol

**Izod Impact:** ASTM D-256 12

**Flexural Mod:** ASTM D-790 1,400,000

**Flexural Strength:** ASTM D-790 133,000

**Tensile Strength:** ASTM D-638 630,000

**Tensile Modulus:** ASTM D-638 7,700,000

**Water Vapor Trans:** ASTM E-96 <0.0001 perms

**Air Permeance:** ASTM E-2178 0.00001 @ 300pa

**Coefficient Lin. Thermal Exp:** ASTM D-696 1.4x10<sup>3</sup>

**Taber Abrasion Resistance:** 0.04% (Taber Test)

## Surface Chemical Resistance

Acetic Acid - Excellent

Acetone - Good

Benzene - Good

Citric Acid (10%) - Excellent

Chlorine/Water - Excellent

Hydrofluoric Acid (10%) - Good

Hydrogen Peroxide (28%) - Excellent

Mineral Spirits - Excellent

Nitric Acid (40%) - Excellent

Potassium Chloride - Excellent

Propyl Alcohol - Excellent

Sodium Chloride (10%) - Excellent

Sodium Hydroxide (10%) - Excellent

Sodium Hypochlorite (5%) - Excellent

Vaporous Hydrogen Peroxide (VHP) - Excellent

Standard Soap Solution - Excellent

Sulfuric Acid (30%) - Good

Urea - Good

**Excellent = No Surface Effect. No Yellowing**

**Good = Slight Change to Surface Opacity. No Yellowing**

Correlation of test results with actual performance is dependent upon the similarity between testing and in-use conditions. LSP recommends you test our surface in your specific conditions before use of any chemical cleaning agent. Always follow manufacturer instructions for use procedures and removal of chemical agents.

**Life Science Products have been in demand by these and other highly respected institutions:**

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