

GridLock™ Ultra Clean I Composite Panel

Walls and Ceilings

Product Description:

GridLock™ Ultra Clean I Composite Panel is composed of a polymer matrix reinforced with fibers composite laminated to a supporting media which ultimately forms a durable composite panel that greatly enhances the impact resistance and overall durability of standard wall panel construction. It also can be used as the finish for a "hard lid" ceiling installation. The exposed face is composed of resin saturated fibers. The surface finish is glossy and smooth with no fiberglass print through and is ASTM E 84 Fire Rated. The panel is supplied in standard 4' x 8' and 4' x 10' sizes.

The panel is chemical resistant and can withstand high pressure wash down. The composite construction does not allow water infiltration making the panel moisture insensitive. Ultra Clean I is recommended as a finish to be installed directly over Gyp board or other hard board wall construction products or as a stand alone panel for inclusion in a suspended ceiling; consult your sales representative about CMU substrates. For wall or hard lid ceilings the panel is installed with a clean room joint using BioCR Urethane sealant to fill the joint. Since the gel coat surface is integral to the surface it will not peel like normal paints therefore subsequent painting is not necessary.

GridLock™ wall and ceiling panels are ideal for use in facilities where cleaning and disinfecting are critical such as food service, animal holding rooms, utility corridors and clean room applications. The panels will not rust or deteriorate from continued exposure to water and chemicals.

Properties:

Fire Rating: Class 1 ASTM E 84 for flame spread of 25 or less

Light Reflectance: @85:94.3

Minimum Weight: 2.0 lbs. per square foot

Finish: Polyester gel coat : smooth with no through print

Standard Sizes: 4' x 8' and 4' x 10' (Panels can be cut to custom sizing if required)

Panel thickness: 9 mm

Hardness: 46 Barcol

Color: White

Finish: Gloss

Cleaning: GridLock™ Ultra Clean panels can withstand daily surface washing, wet wiping, dusting and vacuuming and can withstand high-pressure washing. The resinous finish will not support the growth of bacteria or mold. The surface may scratch if an abrasive cleaner or pad is used.

Sound Absorption: N/A

Installation: Prior to installation the area in consideration should be at operating conditions for temperature and relative humidity for at least 24 hours prior to and during installation to ensure proper fit and seal.

If installation is intended over masonry walls you must first check for hacked brick or block and correct the hacking prior to installation.