



GridLock® Ultra Clean II

Description

GridLock Ultra Clean II panels are comprised of a fiberglass/gel coat composite face that is Class A ASTM E 84 rating and a composite polymer core. The face is .050 gel coat designed for use in facilities where cleaning and disinfecting are critical and exhibits no fiberglass fabric print through. The panels are finished in a square edge detail and sealed with an FRP batten strip detail. The panel interior is a polyester/polymer composite and will not absorb water. The exterior is .050 fiberglass encased in polyester resin and final coated with polyester gel coat mounted to the polyester/polymer composite. The final surface is dense, stain resistant, chemical resistant and impervious to water. The panel is non-generating for particulate matter and as such is ideal for research and tech production spaces.

GridLock Ultra Clean II Panels have the following characteristics:

Finish:

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

Light Reflectance: LR-1; 0.75 or greater

Finish: Polyester gel coat

Standard Sizes: 4' x 8' or 4' x 10'

Panel thickness: 1/8"

Color: White

Finish: gloss

Core:

Hardness: ASTM D-785 40-80

IZOD Impact: ASTM D-256 7.0 ft-lbs/inch

Flexural Stiffness: ASTM D-747 132,000 psi

Torsion Stiffness: ASTM D-1043 140,000 psi

Elongation: ASTM D-638 960%

Tensile Strength: ASTM D-638 4450 psi

Cleaning: GridLock Panels can withstand daily surface washing, wet wiping, dusting and vacuuming. They can withstand routine high-pressure washing and chemical disinfection and fumigation. The resinous finish will not support the growth of bacteria or mold.

Installation: Generally the 1/8" Ultra Clean panel is installed over an existing substrate such as Gypsum or other hard board products. The panel is secured by adhesives in the general field and screws at the perimeter. The vertical edge screws are covered and sealed by batten strips, the top screws are hidden above the ceiling and the bottom screws are covered by the flooring cove base. 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.

Demounting: If the installation is done properly demounting is not possible without destruction of the panel.

Sound Absorption: N/A