

### GridLock® Polymer Core Ceiling Panel

**Description**

GridLock Polymer Core Ceiling panels are designed for use in facilities where cleaning and disinfecting are critical. The panels are finished in a square edge detail and seat above the fiberglass grid system. 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 on both the front and back. 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 the clean room environment.

GridLock Polymer Core 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

**Minimum Weight:** 1.6 lbs. per square foot

**Finish:** Polyester gel coat

**Standard Sizes:** 2'x 2' or 2'x 4' (hard lid: 4' x 8' or 4' x 10')

**Panel thickness:** 8 mm

**Color:** White

**Finish:** Flat

**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 Polymer Panels can withstand daily surface washing, wet wiping, dusting and vacuuming. When used in conjunction with GridLock Gasket Grid and lockdown systems it can withstand high-pressure washing. The resinous finish will not support the growth of bacteria or mold.

**Demounting:** All ceiling panels can be removed from the ceiling grid by simply removing lock down clips. Selected access panels can be removed easily from below the ceiling to allow access to the interstitial space above using the GridLock clips.

**Product Offering:** Panels are incorporated into the GridLock System in three forms; Total Access (A), Selected Access (SA) and Drop In (DI). Panels can be cut to custom sizing if required.

**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.