

# Guardian Partitions

---

## Specifications Solid Plastic Partitions Ceiling Hung 4.9

### Solid Plastic Partitions with Ceiling Hung Mount Style

#### Part 1 - General

##### 1.01 Work Included

A. The toilet partitions shall be high-density polyethylene (HDPE) polymer with floor anchored/overhead braced mounting style as manufactured by **Alan Lewis, Inc., Santa Ana, CA**.

B. Furnish all labor and materials necessary for completion of work in this section as shown in the approved drawings and specified herein.

**1.02 Related Work** – Specified elsewhere shall include accessories and anchorage/blocking for attachment of partitions.

#### Part 2 Product

**2.01 Door, Panels, Pilaster and Urinal Screens** – Shall be 1" thick (door and panels 55" high, pilasters 84" max. length) HDPE polymer that is water resistant and non-absorbent. A heat zinc shall be attached as standard to the bottom of all doors and panels.

**2.02 Material** – The HDPE material shall have homogenous color throughout each component with ¼" machined edges for uniformity. Self-lubricating surface shall resist markings from pens, pencils and other writing instruments.

**2.03 Color**- Will be selected from **Alan Lewis's** full range of standard designer colors.

**2.04 Door Hardware** – Shall include **Alan Lewis, Inc.** heavy-duty wraparound cam-action hinge set that permits door to return to a pre-set position when not locked. Hinges, strike and keeper shall be die-cast zamac to resist corrosion, and shall be through bolted with vandal resistant barrel nuts and shoulder screws. Hinge and slide latch assembly shall allow emergency access by lifting door from bottom

**2.05 Mounting Hardware** – Brackets shall be 54" long extruded aluminum with 6 through bolt panel attachment points. Panels shall be through bolted with tamper resistant barrel nuts and shoulder screws.

**2.06 Construction Design**- Partitions shall be ceiling hung with 3/8" x 1" steel mounting bar attached to the top of the pilaster. Each mounting bar shall be secured to the overhead structural member with two 3/8" zinc plated bolts. Additional 4" wide horizontal cross bracing shall be secured at 82" above finished floor, cross bracing shall be attached to all pilasters and stay consistent in color to other material. The ceiling anchoring system shall be concealed by a type 304 stainless steel trim shoe with a #4 finish.

#### Part 3 – Execution

**3.01 Installation** – Shall be installed in accordance to the **Alan Lewis, Inc.** installation instructions with partitions rigid, straight and plumb. Doors and panels shall be mounted 14" above the finished floor.

**3.02 Warranty** – **Alan Lewis, Inc.** guarantees its solid plastic HDPE material against breakage, corrosion, and delamination for 15 YEARS from the date of receipt by the customer. If material is found defective during that period, the material shall be replaced free of charge. No credits or allowances shall be issued for any labor or expenses relating to the replacement of components covered under the warranty plan.