

Guardian Partitions

Specifications Solid Plastic Partitions Floor Anchored/Overhead Braced 4.3

Solid Plastic Partitions with Floor Anchored/Overhead Braced Mounting 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 82" high) 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 anchored to the floor by a ¼" x 1" stainless steel mounting bar attached to the bottom of the pilaster. Each mounting bar shall be anchored to the floor with 3/8" zinc plated bolts. Floor anchoring system shall be concealed by a stainless steel trim shoe with a #4 finish. Aluminum headrail with anti-grip profile shall provide overhead bracing and span all compartments and brace the end pilaster to the back wall.

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.