

Guardian Partitions

Specifications

Solid Plastic Partitions Floor-to-Ceiling Anchored

Solid Plastic Partitions with Floor-to-Ceiling Anchored Mounting Style

Part 1 - General

1.01 Work Included

A. The toilet partitions shall be high-density polyethylene (HDPE) polymer with floor-to-ceiling anchored 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) HDPE polymer that is water resistant and non-absorbent. A heat sink 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 1/4" machined edges for uniformity. Self-lubricating surface shall resist markings from pens, pencils and other writing instruments.

2.03 Color - Shall be selected from full range of standard designer colors.

2.04 Door Hardware – Shall include 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 extruded aluminum 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 extruded aluminum with 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 and overhead structural member. The pilaster shall be secured to the floor with a 1/4" x 1" stainless steel mounting bar and overhead structural member with a 3/8" x 1" steel mounting bar. Each mounting bar shall be anchored to the building structure with 3/8" zinc plated bolts. The mounting systems at the top and bottom of the pilaster shall be concealed by a stainless steel trim shoe with a #4 finish.

Part 3 Execution

3.01 Installation – Shall be installed in accordance to the 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.

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