Material Specification

1.01 Construction

Doors, Panels and Pilasters shall be constructed of two sheets of panel flatness zinc-coated galvanneal steel, ASTM A653 GR33, laminated under pressure to a honeycomb core for sound deadening and rigidity. Formed edges to be welded together and interlocked under tension with a roll-formed oval crown locking bar, mitered, welded and ground smooth at the corners. Honeycomb to have a maximum 25mm (1") cell size.

1.02 Doors

Shall be between 1854mm (73") - 2336mm (92") high and 25mm (1") thick with cover sheets not less than 0.8mm (.030”).

1.03 Panels

Shall be 1854mm (73") - 2336mm (92") high, with a maximum panel width of 1461mm (57-1/2") and 25mm (1") thick with cover sheets not less than 0.8mm (.030”).

1.04 Pilasters

Shall be 32mm (1.25") thick with cover sheets not less than 0.9mm (.036”).

1.05 Headrail

Shall be 25mm (1") by 41mm (1-5/8") extruded anodized aluminum with anti-grip design. Wall thickness to be 1.5mm (1/16") and shall be securely attached to wall and pilasters with manufacturer’s fittings in such a way as to make a strong and rigid installation. All joints in headrails shall be made at a pilaster.

1.06 Floor Fastening Method

Pilasters shall be securely and rigidly fastened to the floor and fitted with a jack levelling screw for vertical adjustment. The floor fastening shall be concealed and protected by a 102mm (4") high, die-formed stainless steel pilaster shoe or #4 brushed stainless steel pedestal, mounted panel-to-floor with a panel.

1.07 Hardware & Fittings

Panel-to-pilaster, panel-to-wall, and pilaster-to-wall connections are made with full-height channels, finished to match partitions. A full length aluminum continuous stop and full length aluminum hingeside filler eliminate all sightline gaps between pilasters and doors. Fasteners are #4 brush finished stainless steel 12 x 1-3/4" and 12 x 5/8" TR-27 6-lobe security screws. Each door to be provided with an occupancy indicator latch #4 brushed stainless steel. Doors shall be equipped with gravity type hinges mounted on upper and lower pilaster hinge brackets. Threaded top hinge pin shall be metal with a self-lubricating nylon sleeve. Door hinges shall be wrap-around style and adjustable to permit the door to come to rest at any position when not latched. Each door to be fitted with a combined #4 brushed finished coat hook and bumper.

1.08 Finish

All sheet metal to be thoroughly cleaned, phosphated and finished with a high performance powder coating, baked on to provide a uniform smooth protective finish. Color shall be as selected from Hadrian's color card.
Important Notes:
Refer to final drawings for wood blocking information. Wood blocking is critical to ensure a rigid installation.

See material specifications for material and hardware finishes.

*Above finish floor dimensions may vary due to floor level and door cam position.
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Metal Toilet Partitions
Elite Max Series - Pedestal Mounted Headrail Braced

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