

## Powder Coated (with Stainless Steel Locking Bars) - Headrail Braced ELITE SERIES Metal Toilet Partitions

### Material Specification

#### 1 . 0 1      **Construction**

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

#### 1 . 0 2      **Doors**

Shall be 1613mm (63.5") high and 25mm (1") thick with cover sheets not less than 0.8mm (.030") and powder coated with brushed stainless steel locking bars.

#### 1 . 0 3      **Panels**

Shall be 1613mm (63.5") high and 25mm (1") thick with cover sheets not less than 0.8mm (.030") and powder coated with brushed stainless steel locking bars.

#### 1 . 0 4      **Pilasters**

Shall be 32mm (1.25") thick with cover sheets not less than 0.9mm (.036") and powder coated with brushed stainless steel locking bars.

#### 1 . 0 5      **Headrail**

Shall be 25mm (1") by 41mm (1.625") extruded anodized aluminum with anti-grip design. Wall thickness to be 1.5mm (.060") 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 . 0 6      **Pilaster Fastening Method**

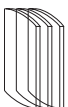
Pilasters shall be securely and rigidly fastened to the floor and fitted with a jack levelling screw for vertical adjustment. The floor fastening shall be concealed and protected by a 102mm (4") high, die-formed stainless steel pilaster shoe.

#### 1 . 0 7      **Hardware & Fittings**

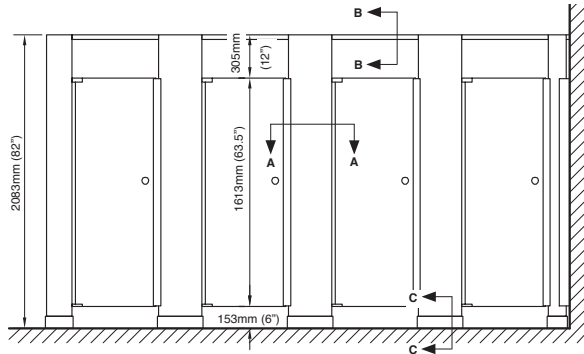
All panel-to-wall, panel-to-pilaster and pilaster-to-wall connections shall be made with full height continuous channels. Door hardware shall be chrome plated zinc die castings. Fasteners are zinc plated 12 x 1-3/4" and 12 x 5/8" TR-27 6-lobe security screws. Doors shall be equipped with gravity type hinges mounted on upper and lower pilaster hinge brackets. Door hinges shall be wrap-around style and adjustable to permit the door to come to rest at any position when not latched. Threaded upper hinge pin shall have a metal core and self lubricating nylon sleeve to ensure smooth, quiet operation. Each door to be fitted with a combined coat hook and bumper and a concealed latch, with face mortised flush with edge strip of door. A full length continuous stop and hinge side filler eliminate all sightline gaps between pilasters and doors.

#### 1 . 0 8      **Finish**

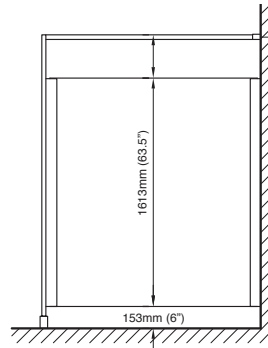
With the exception of the brushed stainless steel locking bars, all sheet metal to be thoroughly cleaned, phosphated and finished with a high performance powder coating, baked on to provide a uniform smooth protective finish. Color shall be as selected from Hadrian's color card.



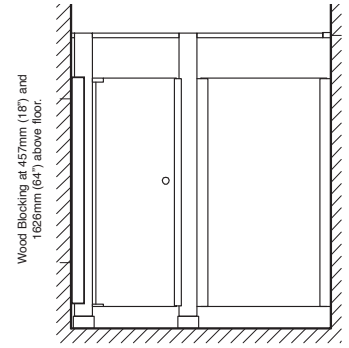
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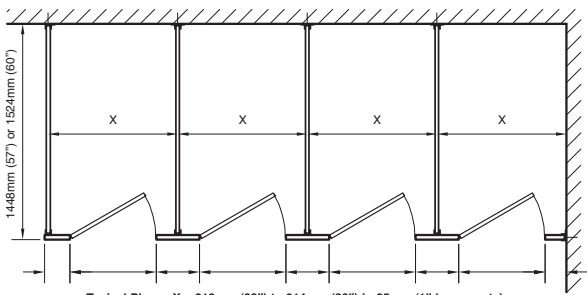
front elevation



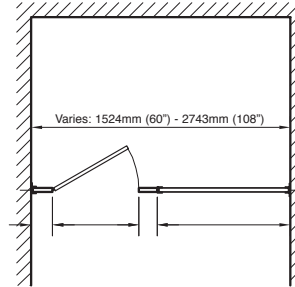
side elevation



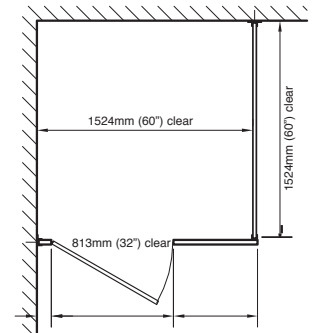
alcove elevation



plan

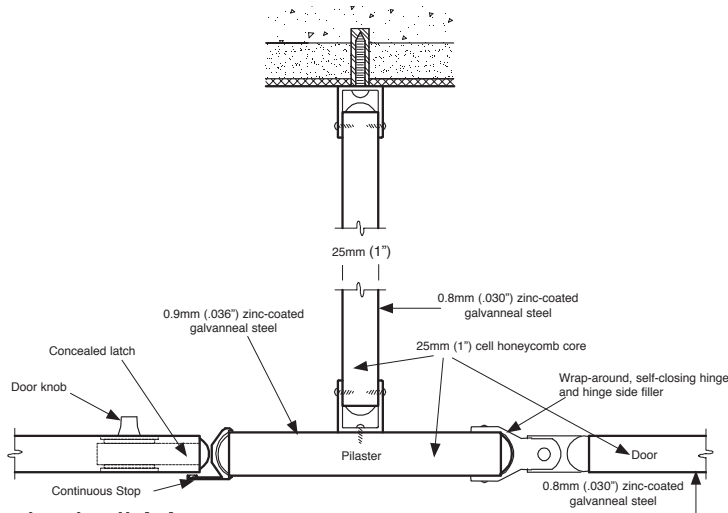


alcove plan

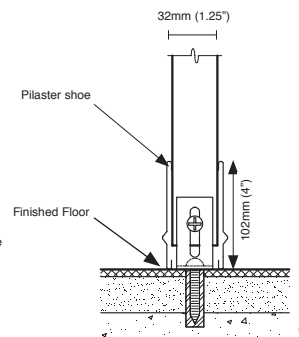


barrier-free plan

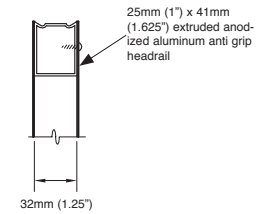
Barrier-free units to be mounted  
229mm (9") above the floor



plan detail A-A



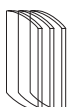
section detail C-C



section B-B

### Important Note:

Refer to final drawings for wood blocking information. Wood blocking is critical to ensure a rigid installation.



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