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hadrian

Stainless Steel Material Specifications

Construction

Doors, Panels and Pilasters shall be constructed of two sheets of panel flatness type 304, #4 brushed finish stainless steel, laminated under pressure to a "Verticel" (1/2") honeycomb core for impact resistance, rigidity and sound deadening. Formed edges to be welded together and interlocked, under tension, with a roll-formed oval crown stainless steel locking bar, mitered, welded and ground smooth at the corners. Honeycomb to be of virgin, long fiber paper with a maximum 12.5mm (1/2") cell size.

Doors

Shall be 1460mm (57.5") high and 25mm (1") thick with cover sheets not less than 0.8mm (.030").

Panels

Shall be 1460mm (57.5") high and 25mm (1") thick with cover sheets not less than 0.8mm (.030").

Pilasters

Head rail braced pilasters shall be 32mm (1.25") thick with cover sheets not less than 0.9mm (.036").

Head rail

Shall be 25mm (1") by 41mm (1.625") extruded anodized aluminum with double-ridge anti-grip design. Wall thickness to be 1.5mm (0.060") 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 head rails shall be made at pilaster.

Hardware & Fittings

All panel and pilaster brackets and all door hardware shall be chrome plated zinc die castings, standard. Fasteners are 14 x 1-3/4" and 14 x 5/8" TR-27 6-lobe security screws. Doors shall be equipped with a gravity type hinge mounted on the lower pilaster hinge bracket. Door hinges shall be the wrap around type and adjustable to permit the door to come to rest at any position when not latched. 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. The combined stop and keeper shall have a 19mm (0.75") diameter bumper locked in place. Threaded door top hinge pin shall have a metal core and self-lubricating nylon sleeve to ensure smooth, quiet operation. Pilaster shoes shall be a welded one-piece design made from polished stainless steel. Two-piece shoes that can disassemble when kicked are unacceptable.

*Stainless Steel Hardware Upcharge Option:

- All pilaster, panel and screen brackets are stamped Stainless Steel, #4 brushed finish.
- All door wrap around hinge brackets are cast Stainless Steel, #4 brushed finish.
- All 14 x 1-3/4" & 14 x 5/8" TR-27 6-lobe security screws are stainless steel, #4 brushed finish. - All pilaster shoes are stainless steel, #4 brushed finish.
- All inner, barrier free inner, outer, door pulls, stop and keepers, coat hooks and door castings are standard

*Zinc die castings, #4 brushed finish.

- All other components not outlined here are standard Hadrian hardware items.

#4 Brushed Aluminum Upcharge Option:

- Extruded aluminum head rail, alcove channels, continuous "no sightline" stop and hinge filler available in #4 brushed finish as an option.

Finish

Type 304, #4 brushed finish.