Solid Plastic Material Specifications

Construction
Doors, panels and pilasters shall be polypropylene or polyethylene solid plastic. The material's self-lubricating surface is resistant to marking and can be maintained effectively with ordinary household cleaners. Material is ideal for toilet partition installations, especially in high abuse and high moisture environments.

Doors
Shall be (25mm) 1” thick by (1397mm) 55” high straight cut with fine radius edges.

Panels
Shall be (25mm) 1” thick by (1397mm) 55” high straight cut with fine radius edges.

Pilasters
Shall be (25mm) 1” thick with fine radius edges.

Head Rail
Shall be 32mm (1.25”) by 44mm (1.75”) extruded anodized aluminum with 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 rigid installation. All joints in head rails shall be made at a pilaster.

Pilaster Mounting Method
Pilasters shall be securely and rigidly fastened to the floor on vertically adjustable floor brackets. The floor fastening shall be concealed and protected by a 4” (102mm) high solid plastic pilaster shoe. Three heavy-duty aluminum brackets shall be used at the pilaster to wall connection.

Hardware & Fittings
Doors are installed with 1/8” thick heavy extruded clear anodized aluminum hinges, which wrap around both the door and pilaster. Hinges are fastened to door and pilaster with tamper-proof 6-lobe security head stainless steel thru-bolts and fastened to the edge of the door and pilaster with a #10 x 1” screw. Top hinges have adjustable nylon cams. Strike-keeper and throw latch are extruded clear anodized aluminum. Three heavy-duty aluminum brackets are used at the panel to wall connection and a full-height continuous aluminum channel is used at the panel to pilaster connection. Hadrian’s unique designer coat hook & bumper features a solid cast zinc hook and oversized black rubber bumper that functions as both a door stop and bag hook. Fasteners are theft-proof 6-lobe security head stainless steel screws. Hadrian hardware meets ADA and CHC requirement.

Finish
Doors, panels and pilasters shall be constructed of matte finished polypropylene or gloss finished polyethylene with uniform color throughout. Color shall be as selected from Hadrian’s color selector.