

ANTI-GRAFFITI Metal Toilet Partitions

Material Specification

1 . 0 1 **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 inter-locked under tension with a 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 25mm (1") thick with cover sheets not less than 0.8mm (.030").

1 . 0 3 **Panels**

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

1 . 0 4 **Pilasters**

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

1 . 0 5 **Hardware & Fittings**

All panel and pilaster brackets and all door hardware shall be chrome plated zinc die castings. Fasteners are 14 x 1-3/4" and 14 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 fully concealed within the thickness of the door 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.

1 . 0 6 **Finish**

All sheet metal to be thoroughly cleaned, phosphated and finished with a high performance poly-urethane anti-graffiti powder coating, electrostatically applied and oven cured to provide a uniform smooth protective finish. Color shall be #826 Kilim Beige, #827 Dover White, #828 Dovetail, #829 Desert or another Hadrian approved solid custom color.

