

Security Doors

Metalec security doors are designed to withstand heavy duty high frequency use. This kind of door provides the solidity and longevity demanded in police station and institutional security projects.

TECHNICAL DETAILS

Metalec manufactures its security doors from 16 and 14 gauges galvanized steel.

- The doors are perfectly smooth without visible joint on their faces;
- The door faces are vertically assembled one to each other with a flush welding by grinding and with a 10 gauge steel reinforcement;
- The door edges have a bevel of 3 mm x 51 mm (1/8" x 2");
- The door has a plywood core laminated on the door faces by a polyurethane base adhesive offering a maximum bond;
- The 10 gauge steel hinge reinforcements are reinforced with an angular bending to resist high frequency use;
- 14 gauge steel end channel is welded at the top and the bottom of the door;
- The lock, strike and bolt reinforcements are manufactured in 12 gauge steel.

OPTIONS

Metalec manufactures and installs service-hatch with the same construction and steel gauge than the door.

- The service-hatch has two hinge preparations and 10 gauge steel hinge reinforcements;
- The perimeter of the service-hatch opening is designed with a 14 gauge steel channel stiffener;
- The service-hatch stop plate is in 10 gauge steel measuring 38 mm (1-1/2") welded at the opening perimeter;
- A preparation for a spring latch deadlock takes place in the door.

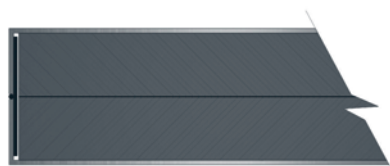
Metalec Doors & Frames offers the possibility to manufacture a glazed opening.

- The perimeter of the glazed opening is manufactured with a 14 gauge steel channel stiffener, welded to the door faces;
- A steel bead of 19 mm x 19 mm (3/4" x 3/4") with security screws to retain the glass is also included.

1 Door section



2 Door section



3 Service-hatch

