

Lead Line doors – Powder coated

Application – Extra Heavy Duty

Material – Galvanized steel

Standard & certification:

Hollow metal lead line doors as per IS 4351 & IS 16074 made of pressed galvanized steel conforming to IS 277.

Frame:

Door frame shall be double rebate profile of size 143 x 59 mm made out of 1.6 mm (16 gauge) thick galvanized steel sheet. Frames shall be butted and field assembled with bolts. The inside face of the frame face trim to rebate height should be protected with 2.0 mm thick lead line. All provision should be mortised, drilled and tapped for receiving appropriate hardware. Rubber door silencers should be provided on the strike jamb. Frames should be provided with back plate bracket and anchor fasteners for installation on a finished plastered masonry wall opening. Once frame is installed, it should be grouted with cement & sand slurry necessary for doors on the clear masonry opening.

Shutter:

Door leaf shall be minimum 48 mm thick fully flush double skin door. Door leaf shall be manufactured from 1.2 mm (18 gauge) thick galvanized steel sheet. The internal construction of the door should be rigid with lead line of 1.6 mm thick all across the inside of the exposed surface. In addition, the door should have steel channel reinforcement with a basic infill of honeycomb core. All doors should be factory prepped for receiving appropriate heavy duty hardware and provided with necessary reinforcement for hinges, locks, and door closers as per ANSI Standard. The edges should be interlocked with lock seam. For pair of doors astragals has to be provided on the meeting stile for both active and inactive leaf. Hardware shall be of approved make.

Vision glass (optional):

Doors can be with radiation shield clear glass with lead, 8.5 mm thick of size 200 x 300 mm. Glass shall be radiation shielding from equipment operating in the minimum range of 80kV.

Finish:

All doors and frames shall be finished Pure Polyester Powder coated and shall have passed minimum 500 hours of salt spray test.