



BHAWANI FIRE

Hollow Metal Pressed Steel Door

Technical Data Sheet



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Non-Fire Rated Double Skin Metal Doors are engineered to deliver enhanced structural rigidity, durability, and superior surface finish for applications where fire resistance is not required, but performance and longevity are critical. Constructed using two steel sheets bonded to a reinforced internal core, these doors offer improved strength, reduced deflection, and better acoustic and vibration control compared to single-skin constructions.

The double skin configuration provides a stiffer, more robust door leaf, making it ideal for high-traffic and service-intensive environments such as utility rooms, plant rooms, electrical panels, workshops, back-of-house areas, and non-critical internal partitions. The concealed core also allows for clean edge detailing, consistent thickness, and seamless integration of hardware.

Key advantages include:

- Enhanced resistance to impact and operational wear
- Improved dimensional stability over larger shutter sizes
- Better sound dampening compared to single skin doors
- Compatibility with heavy-duty hinges, door closers, and locking systems
- Smooth, flush aesthetics suitable for architectural and industrial settings

Available in custom sizes, sheet thicknesses, and hardware configurations, these doors can be finished in powder-coated, primed, or pre-finished steel, allowing alignment with both functional and aesthetic requirements of the project.

Engineered for durability. Designed for performance. Built for everyday reliability.

Construction

Door Frames and Shutters are precision formed with Galvanized Steel sheets with 120gsm Zinc Coating.

Door Frames are Single Rebate profile of size 100mm x 57mm made out of 1.20mm thick steel sheet.

Door Shutters are 46mm thick made out of 0.80mm thick steel sheet. The shutters are infilled with Honeycomb core with reinforcement to receive ironmongery.

Hardware / Accessories

- Stainless Steel Ball Bearing Hinges
- Digital / Mortise Sash Locks
- Eye Viewers / Toughened Glass Vision Panel(s)
- Security Grill(s)
- Mosquito Mesh
- Concealed Pull Handles

Finishes

1. Powder Coating Standard RAL Shade
2. Woodgrain Finish Standard Shade

