



**Single Skin Shaft Door**  
Non-Fire Rated - Single Skin

**Technical Data Sheet**





# BHAWANI FIRE

Single Skin Shaft Doors are non-fire rated metal access doors designed for secure and convenient entry into building service shafts such as fire hydrant shafts, plumbing shafts and utility ducts. Engineered for durability and operational efficiency, these doors provide controlled access to critical services while maintaining a clean and uniform architectural appearance.

Manufactured using single-sheet steel construction with reinforced edges and a rigid frame profile, these shaft doors are intended for locations where fire resistance is not required or is addressed by the surrounding shaft enclosure, as defined by the project's fire-safety strategy. Their lightweight design allows for easy installation, smooth operation, and reduced structural load on shaft walls.

Common applications include:

- Fire hydrant and hose reel shafts
- Plumbing and drainage risers
- Electrical and low-voltage service shafts
- Utility and inspection openings
- Maintenance access panels within protected enclosures

Designed to integrate seamlessly with standard building finishes, the doors can be supplied with concealed hinges, cam locks, tower bolts, or latch mechanisms, and can be powder-coated to match interior or service-area aesthetics. Ventilation perforations, louvers, or inspection cut-outs can be provided where required for system functionality.

Single Skin Shaft Doors deliver reliable access, durable construction, and installation simplicity—engineered for everyday service needs within modern buildings.

## 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 50mm made out of 1.20mm thick steel sheet.

Door Shutters are 28mm thick made out of 1.20mm thick steel sheet. The assembly is provisioned with applicable periphery reinforcements to provide stability and strength.

## Hardware / Accessories

- MS Butt Hinges / Shaft Hinges
- Allen Key Shaft Locks
- Float Glass Vision Panel(s)
- Concealed Pull Handles

## Finishes

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

