

METAL FIRE RATED DOOR SPECIFICATION

Door Type	:	Metal Fire Rated Door
Fire Rating	:	120 mins
Shutter Thickness	:	46 ± 2 mm
Criteria	:	Stability, Integrity & With Insulation Material
Testing Standards	:	IS 3614 2021

Design 1

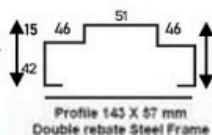
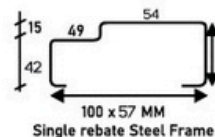
Frame Size Option 1	:	100 x 57 mm x 1.6 Single Rebate 1.2mm Sheet Thickness Shutter Shutter 46 ± 2 mm
Frame Size Option 2	:	1.6mm Sheet Thickness Frame 1 mm Sheet Thickness Shutter
Frame Size Option 3	:	1.2mm Sheet Thickness Frame 0.8mm Sheet Thickness Shutter

Design 2

Frame Size Option 1	:	143 x 57mm x 1.6 Double Rebate 1.2mm Sheet Thickness Shutter Shutter 46 ± 2 mm
Frame Size Option 2	:	1.6mm Sheet Thickness Frame 1 mm Sheet Thickness Shutter
Frame Size Option 3	:	1.2mm Sheet Thickness Frame 0.8mm Sheet Thickness Shutter

Construction Details

- * Vision Panel – 2hrs. Fire rated Toughened clear Glass (Optional)
- * Glass Thickness 6mm/11mm
- * Shutter Infill Insulation – Fire Rated insulation or Honey comb
- * Finish- Powder Coated Finish in desired shade



Recommended Hardware

1. SS Ball Bearing Hinges – SS 304 of Size 100mm x 75mm x 3mm
2. Door Closer – Fire rated
3. Tower / Flush Bolt

Optional Hardware

4. Mortise Dead Lock Set with Cylinder- complete with D Shape Pull handle for Push / Pull Operations
5. Mortise Sash Lock with Cylinder – Complete with Lever Handle for Push / Pull Operations
6. Fire Rated Panic Bar – Push Side Operation
Fire Rated External Panic Trim – Pull Side Operation