



## WOODEN FIRE DOOR – ISI MARKED\*

### FULLY INSULATED

#### DESCRIPTION

Wooden Doors are made for interior application. Our wooden fire doors are manufactured by a combination of mineral wool, Non combustible board faced with ply these doors are available with desired finishes of paint/laminate/veneer etc as per client requirement. These doors are suitable for any commercial, residential, institutional, healthcare, educational buildings. It is available with/ without view panels.

#### SPECIFICATIONS

Construction	Fire Rated door are manufactured by using internal hard wood frame, Core infill sandwiched between two no. non combustible boards with top ply facing. The shutter will be provided with 10mm thick wooden lipping also around the shutter
Materials	Fire rated core, mineral wool and hard wood with high density
Thickness	52mm thick door for FD60 & FD120
Fire Rating	120 minutes
Application	commercial, residential, institutional, healthcare, educational buildings
Frame Section	120 x 60 mm, Hard Wood, Teak Wood / Steam Beech wood etc
Ironmongery	Certified as per door test standard IS : 3614 (2021)
Insulation	Mineral Wool
Test Standard	IS 3614:2021
Test Lab	CBRI , Roorkee
Finish	Veneer / Laminated / Painted
Vision Glass	200 x 300 mm (insulated)

Test lab

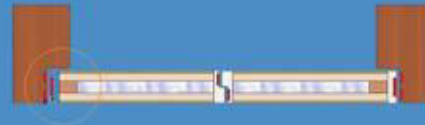
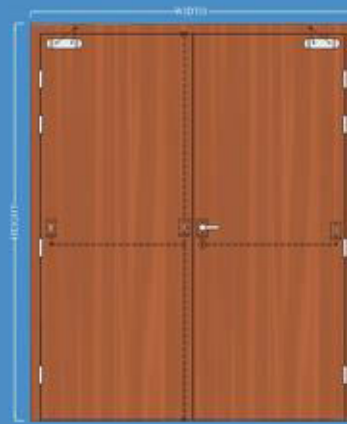
CBRI Roorkee

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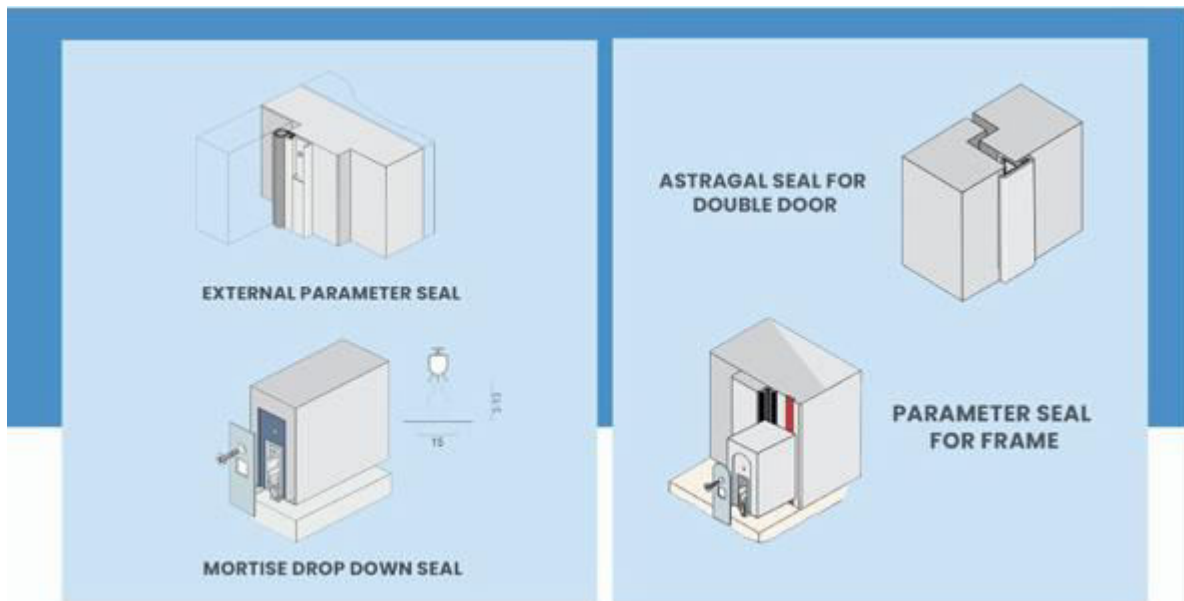


## WOODEN FIRE RATED CUM ACOUSTIC DOOR



\* The Above Sketches are only Indicative, actual products may vary.

- ✓ Door Type Wooden Fire Cum Acoustic Door
- ✓ Fully Insulated Rating Up to 120 mins
- ✓ Acoustic db drop-down properties between 30 to 40db approx. Suggested Acoustic Shutter
- ✓ Thickness 77 mm Fire Testing Standards : IS 3614 Part 2021 Test Laboratory CBRI Roorkee, India.
- ✓ For wooden fire design / test report of 52mm thick shutter.
  
- ✓ Acoustic Sound db rating testing as per IS:9901(Part III) - 1981, DIN : 52210 Part IV- 1989  
ISO:10140 (Part II)-2016/ASTM-E-90 from CSIR, Delhi  
*Note: - Copy of a wooden fire test evidence along with copy of Acoustic Rating certificate will be provided*



### Detail Description

- ✓ Frame Manufactured out of Hardwood Mirandi / Teakwood of nominal section 140mm x 90mm
- ✓ Hardwood Internal Timber Framework Calcium Silicate Board Shutter infill insulation - Wool
- ✓ insulation infill treated Intumescent Seal Size - 20mm x 4mm - 1 No for frame Intumescent Seal
- ✓ Size - 20mm x 4mm - 1 No for door shutter Both side 6 mm thick Commercial Ply (Veneer &
- ✓ Laminated Finish also available Acoustic drop down properties can be measured by db meter.
- ✓ Acoustic seals suggested by manufacturer (must for Acoustic Doors)
- ✓
- ✓

### Recommended Finishes

#### **Frame & Shutter**

1.1 Hardwood VIPER Fire Retardant Primer FR 880 with VIPER Finishing Point FRS881 on frame & shutter factory pasted with 1mm thick laminate on both faces.

1.2 Shutter can be provided with desired top facing such as teak ply or veneer as per interior requirement.

These frames and shutter can be prepared in desired finish e.g polish / paint

