

Door Type	Wooden Lead Lined Door
Criteria	Nuclear / Radiation Protected
Rating	90% Blockage of Radiation
Shutter Thickness	43 mm to 45mm
Standards	AERB / DRS
Application	Radiology & Nuclear Medicine

CONSTRUCTION DETAILS

Detail Description

- 1 Frame Manufactured out of Hardwood Mirandi / Teakwood of nominal section 120mm x 70mm with 2mm sandwiched Lead Sheet
- 2 2mm ($\pm 1\%$) Lead sheet with 99% purity
- 3 Total Door Shutter thickness with Commercial Ply on both side & Board will have 43mm thickness (with additional laminate shutter thickness will be 45mm)
- 4 Vision Panel if required shall be of lead glass only

Recommended Hardware

- 1 Stainless Steel Ball Bearing Hinges - Size 100 x 89 x 3mm
- 2 Door Closer - Heavy duty only for 80 kg weight capacity
- 3 Door coordinator recommended
- 4 Exposed Tower bolt
- 5 Mortise Sash Lock with half cylinder, estucheon, lever handle - Complete Set for Push / Pull operation
- 6 Mortise Dead Lock Set with Half Cylinder and estucheon - Complete Set with D Shape Pull Handle pull side & push plate SS 304 Grade on push side
- 7 Weight of door shutter will be 40 kg/sqm

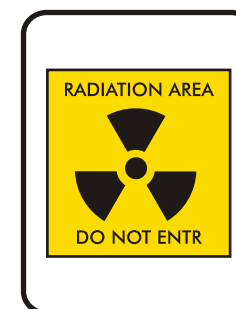
Optional Hardware

- 1 Automatic DROP DOWN DOOR BOTTOM Non Mortised / Surface Mounted
- 2 Optional Lead Lined door sill to cover the gap between finished floor and door shutter
- 3 Lead Lined architrave to be used

Recommended Finishes

- 1 **Frame:**
 - 1.1 Primer and Paint finish
 - 1.2 Teakwood: Polish finish
- 2 **Door Shutter:**
 - 2.1 One side laminate / veneer and one side painting with VIPER
 - 2.2 Both Sides Laminate / Veneer

*NOTE: Due to continuous up gradation, spec may vary time to time as per consultation of enduser.



*The Above sketches are only indicative, actual products may vary.