

WOODEN LEAD LINE DOOR

Door Type	:	Lead Line Wooden Door
Criteria	:	Nuclear / Radiation Protected
Rating	:	90% Blockage of Radiation
Shutter Thickness	:	43mm to 46mm
Standards	:	AERB/DRS
Application	:	Radiology & Nuclear Medicine

Construction Details

1. Frame Manufactured out of Hardwood Mirandi / Teakwood of nominal section 120mm x 70mm with 2mm sandwiched Lead Sheet
2. 2mm (+-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 46mm)
4. Vision Panel if required shall be of lead glass only

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
- 2.2 Both Sides Laminate / Veneer



Recommended Hardware

1. Stainless Steel Ball Bearing Hinges - Size 100 x 75 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 30 kg/sqm(approx)

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